

TECHNICAL REPORT

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SKYLAB I (1/2) SENSITOMETRIC SUMMARY

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NATIONAL AERONAUTICAL AND SPACE ADMINISTRATION
LYNDON B. JOHNSON SPACE CENTER
PHOTOGRAPHIC TECHNOLOGY DIVISION
HOUSTON, TEXAS



Technicolor Graphic Services, Inc

SKYLAB I (1/2) SENSITOMETRIC SUMMARY

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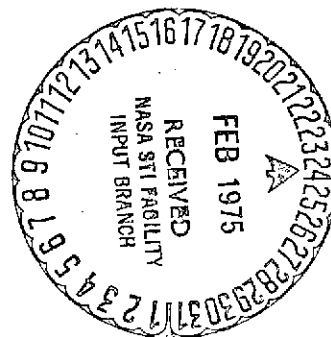
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SKYLAB I (1/2) SENSITOMETRIC SUMMARY

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SECTION I

INTRODUCTION

This report presents the sensitometric data obtained from all rolls of Skylab I original film containing sensitometric exposures applied by the Photographic Technology Division. A summary is provided that identifies the supply and take-up magazine numbers, the amount of radiation, and the change in Dmax or Base + Fog due to heat and radiation for each roll of original film.

G. Martinez, J. Retzlaff, T. Aubry, and U. J. Thornton assisted in compiling the data for this report.

SECTION II

SKYLAB I (1/2) FILM RADIATION SUMMARY

SUPPLY MAGAZINE	TAKE-UP MAGAZINE	FILM TYPE	FILM SIZE	PCD*	RADIATION† DOSE-RADS	COLOR-DMAX		COLOR-DMAX		CHANGE IN DENSITY DUE TO HEAT + RADIATION
						B&W	-B+F	B&W	-B+F	
						CONTROL		FLIGHT FILM		
CI 01	CI 02	SO-168	16mm	A mod.	1.06	3.11		2.50		- 0.61
CI 02	MT 02	SO-168	16mm	A mod.	0.829	3.11		2.44		- 0.67
CI 03	MT 10	SO-168	16mm	A mod.	1.09	3.11		2.38		- 0.73
CI 04	MT 01	SO-168	16mm	A mod.	0.96	3.11		2.49		- 0.62
CI 05	CI 01	SO-168	16mm	A mod.	1.156	3.11		2.38		- 0.73
CI 06	CI 03	SO-168	16mm	A mod.	0.932	3.11		2.47		- 0.64
CI 07	CI 04	SO-168	16mm	A mod.	0.768	3.11		2.46		- 0.65
CI 08	CI 07	SO-168	16mm	A mod.	0.907	3.11		2.40		- 0.71
CI 09	MT 03	SO-168	16mm	A mod.	0.755	3.11		2.39		- 0.72
CI 10	CI 08	SO-168	16mm	A mod.	0.676	3.11		2.42		- 0.69
CI 11	CI 25	SO-168	16mm	A mod.						
				(ASA 160)	0.672	3.27		2.68		- 0.59
CI 12	CI 05	SO-168	16mm	A mod.	0.690	3.11		2.42		- 0.69
CI 13	CI 10	SO-168	16mm	A mod.	0.708	3.11		2.47		- 0.64
CI 14	CI 11	SO-168	16mm	A mod.	0.654	3.11		2.43		- 0.68
CI 15	CI 12	SO-168	16mm	A mod.	0.716	3.11		2.45		- 0.66
CI 16	CI 14	SO-168	16mm	A mod.	0.635	3.11		2.49		- 0.62
CI 17	CI 06	SO-168	16mm	A mod.	0.698	3.11		2.47		- 0.64
CI 19	CI 15	SO-168	16mm	A mod.	0.561	3.11		2.38		- 0.73
CI 25	MT 11	SO-168	16mm	A mod.	1.194	3.11		2.69		- 0.42
CI 25	MT 05	SO-168	16mm	A mod.						
				(ASA 160)	1.194	3.27		2.68		- 0.59
CX 01	CX 01	SO-368	16mm	D	0.75	3.09		2.84		- 0.25
CX 02	CX 02	SO-368	16mm	D	0.75	3.09		2.90		- 0.19
CX 03	CX 03	SO-368	16mm	D	0.75	3.09		2.94		- 0.15
CX 04	CX 04	SO-368	70mm	F	0.60	3.16		2.94		- 0.22
CX 05	CX 05	SO-368	70mm	F	0.60	3.16		2.75		- 0.41
CX 06	CX 06	SO-368	70mm	F	0.60	3.16		2.68		- 0.48
BV 01	BV 01	2485	16mm	P	1.692	0.22		0.88		+ 0.66
BV 02	BV 02	2485	16mm	P	0.55	0.22		0.82		+ 0.60

* Process Control Designation

† Data Supplied by Alva Hardy, Computation and Analysis Division

SKYLAB I (1/2) FILM RADIATION SUMMARY

SUPPLY MAGAZINE	TAKE-UP MAGAZINE	FILM TYPE	FILM SIZE	PCD*	RADIATION† DOSE-RADS	COLOR-DMAX B&W -B+F CONTROL	COLOR-DMAX B&W -B+F FLIGHT FILM	CHANGE IN DENSITY DUE TO HEAT + RADIATION
UA 03	UA 03	103a0	16mm	V	1.049	0.28	0.47	+ 0.19
P-1	O-1	2424	70mm	O	0.516	0.11	0.29	+ 0.18
P-2)-2	2424	70mm	O	0.516	0.09	0.27	+ 0.18
P-3	O-3	2443	70mm	I	0.516	3.17	3.07	- 0.10
P-4	OO-4	SO-356	70mm	G	0.516	2.61	2.66	+ 0.05
P-5	O-5	SO-022	70mm	L	0.516	0.14	0.20	+ 0.06
P-6	O-6	SO-022	70mm	L	0.516	0.14	0.20	+ 0.06
Q-1	X-1	2424	70mm	O	0.585	0.09	0.22	+ 0.13
Q-2	X-2	2424	70mm	O	0.585	0.09	0.22	+ 0.13
Q-3	X-3	2443	70mm	I	0.585	3.12	3.11	- 0.01
Q-4	X-4	SO-356	70mm	G	0.585	2.65	2.66	+ 0.01
Q-5	X-5	SO-022	70mm	L	0.585	0.18	0.21	+ 0.03
Q-6	X-6	SO-022	70mm	L	0.585	0.17	0.19	+ 0.02
O-1	Y-1	2424	70mm	O	0.504	0.08	0.25	+ 0.17
O-2	Y-2	2424	70mm	O	0.504	0.09	0.26	+ 0.17
O-3	Y-3	2443	70mm	I	0.504	3.18	3.09	- 0.09
O-4	Y-4	SO-356	70mm	G	0.504	2.64	2.68	+ 0.04
O-5	Y-5	SO-022	70mm	L	0.504	0.14	0.19	+ 0.05
O-6	Y-6	SO-022	70mm	L	0.504	0.15	0.20	+ 0.05
CI 07	CI 07	SO-242	5"	H	0.625	2.44	2.50	+ 0.06
BW 01	BW 01	3414	5"	U	0.653	0.20	0.25	+ 0.05
BH 01	BH 01	3401	16mm	T	0.761	0.07	0.26	+ 0.19
BH 02	BH 02	3401	16mm	T	0.658	0.07	0.22	+ 0.15
SO-212	SO-212	SO-212	35mm	M	1.00	0.23	0.28	+ 0.05
CI 26	CI 26	SO-168	35mm	B	0.720	2.93	2.40	- 0.53 R1#7
CI 27	CI 27	SO-168	35mm	C	0.77	3.29	2.90	- 0.39 R1#4
CI 28	CI 28	SO-168	35mm	B	0.696	2.93	2.49	- 0.44 R1#10

* Process Control Designation

† Data Supplied by Alva Hardy, Computation and Analysis Division

SKYLAB I (1/2) FILM RADIATION SUMMARY

SUPPLY MAGAZINE	TAKE-UP MAGAZINE	FILM TYPE	FILM SIZE	PCD*	RADIATION† DOSE-RADS	COLOR-DMAX		COLOR-DMAX		CHANGE IN DENSITY DUE TO HEAT + RADIATION
						B&W	-B+F	B&W	-B+F	
						CONTROL		FLIGHT FILM		
CI 29	CI 29	SO-168	35mm	C	0.77	3.29		2.82		- 0.47 R1#5
CI 30	CI 30	SO-168	35mm	C	0.77	3.29		2.92		- 0.37 R1#3
CI 31	CI 31	SO-168	35mm	B	0.680	2.93		-----		-----
CI 32	CI 32	SO-168	35mm	C	0.644	3.29		2.95		- 0.34 R1#2
CI 33	CI 33	SO-168	35mm	B	0.77	2.93		-----		-----
CI 34	CI 34	SO-168	35mm	C	0.77	3.29		2.91		- 0.38 R1#1
CI 35	CI 35	SO-168	35mm	C	0.77	3.29		2.90		- 0.39 R1#6
CX 21	CX 21	SO-368	35mm	E	0.792	3.09		2.92		- 0.17
CX 22	CX 22	SO-368	35mm	E	0.792	3.09		2.91		- 0.18
CX 23	CX 23	SO-368	70mm	F	0.792	3.16		2.96		- 0.20

* Process Control Designation

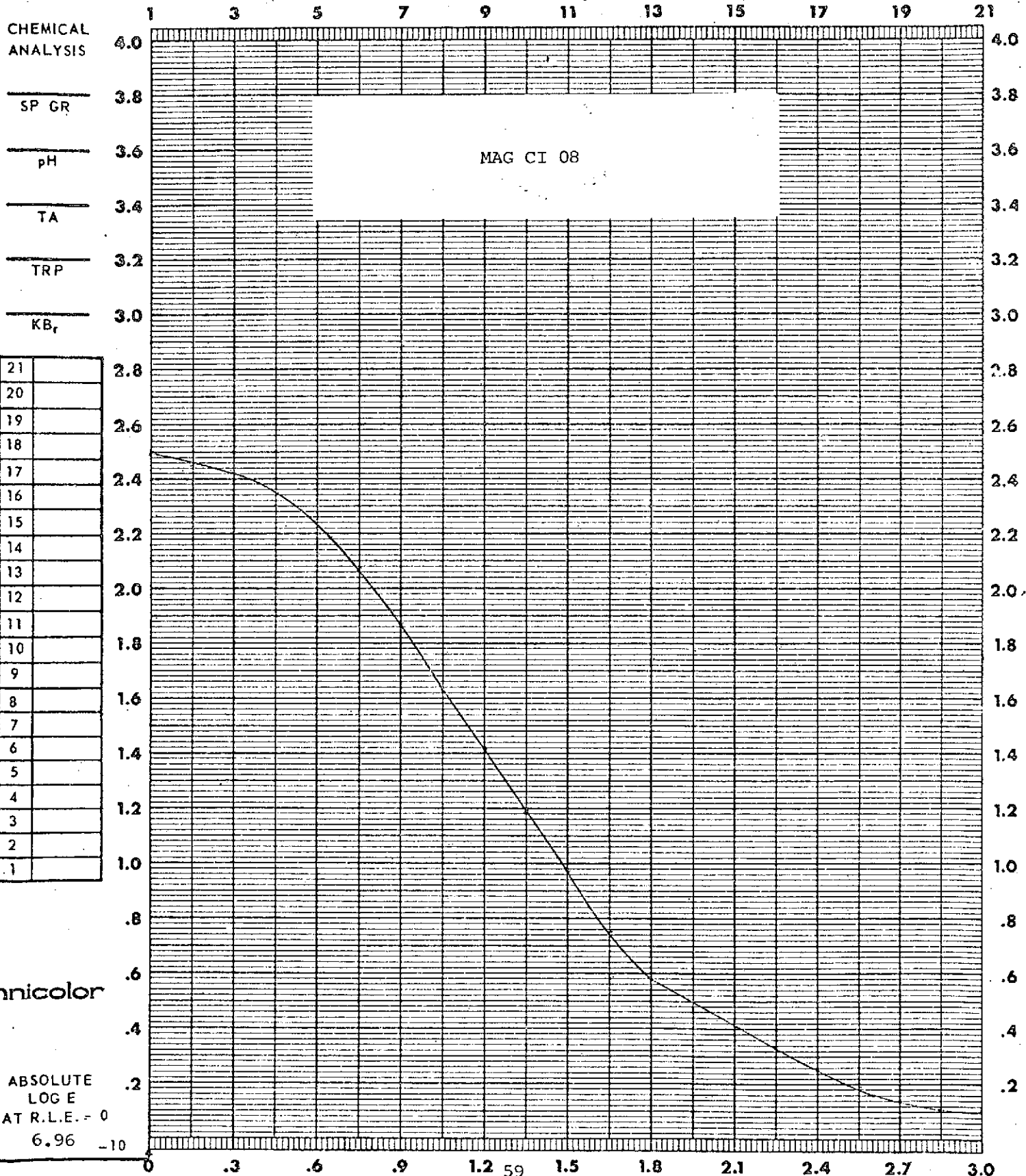
† Data Supplied by Alva Hardy, Computation and Analysis Division

SECTION III

ORIGINAL FLIGHT FILM SENSITOMETRY

DATE 6-28-73 CONTROL # A 16mm TASK Flight Film PREPARED BY _____FILM SO-168 EMULSION # 012-01 MFG _____ EXPIRATION DATE _____

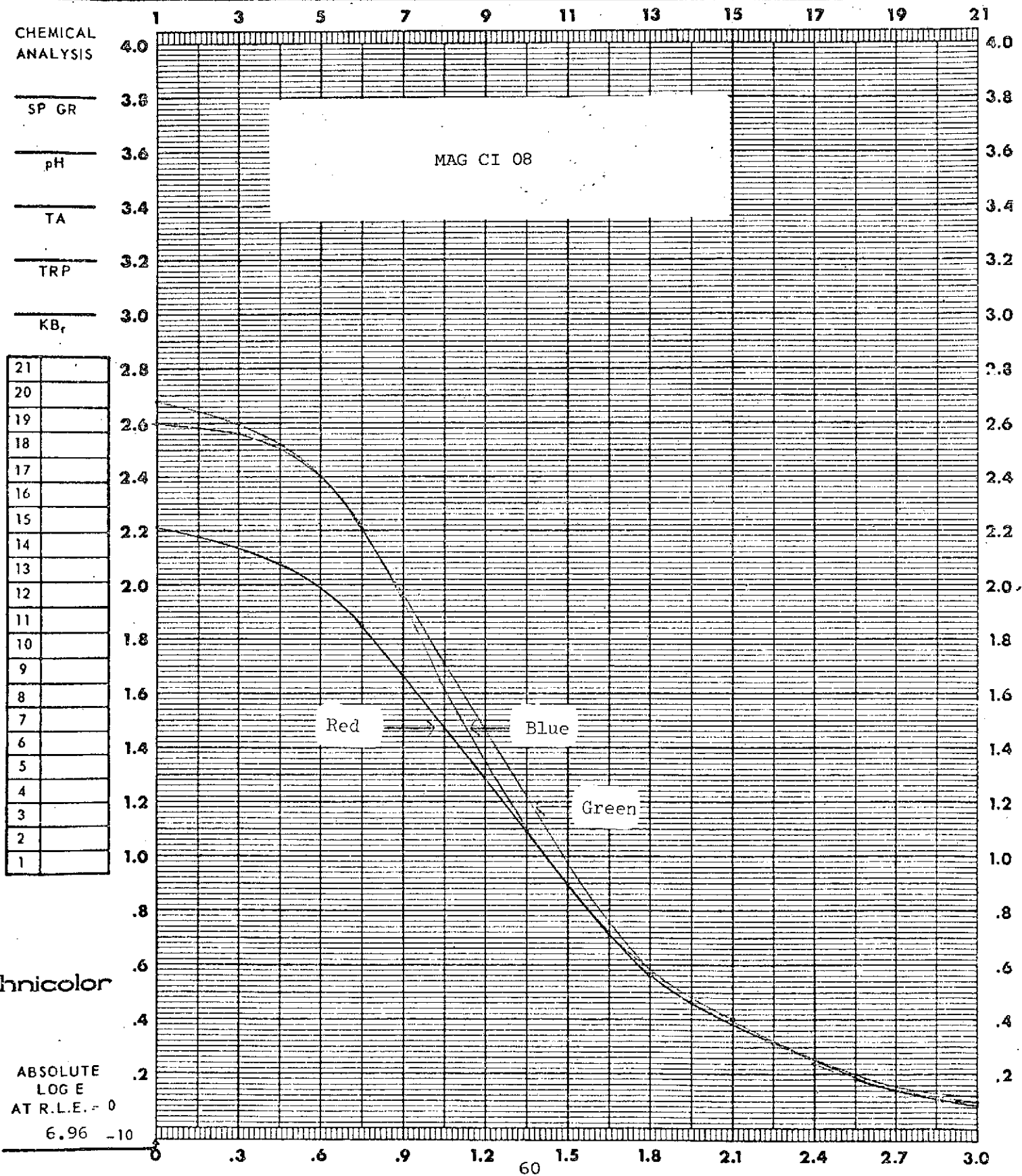
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>RPM</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-4</u>	TYPE	<u>TD504</u>
TIME	<u>1/100</u> SEC.	SPEED	<u>85</u> TANKS FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>96</u> TIME	FILTER	<u>Visual</u>
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-28-73 CONTROL # A 16mm TASK Flight Film PREPARED BY

FILM SO-168 EMULSION # 012-01 MFG EXPIRATION DATE

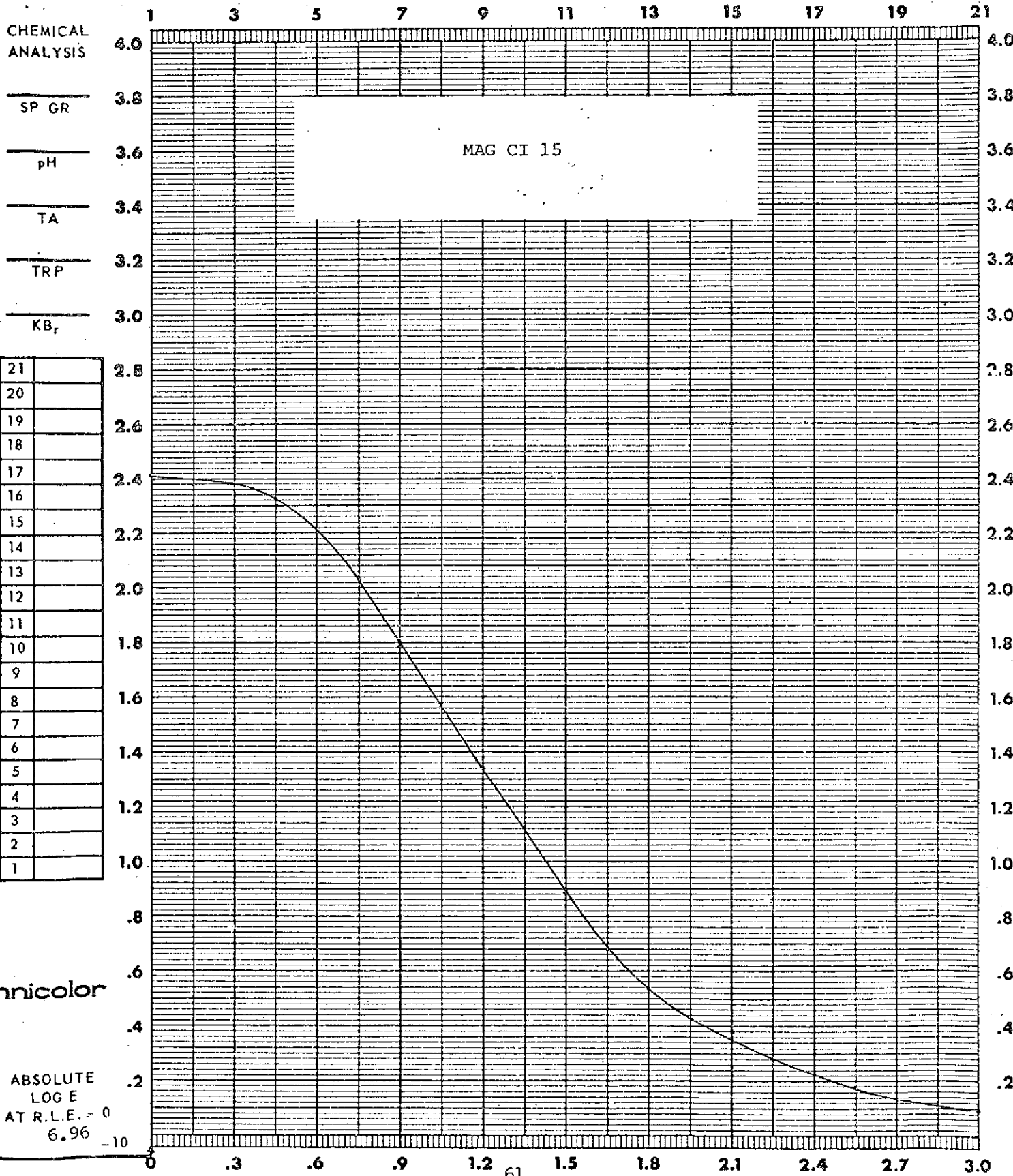
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	RAM	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-4	TYPE	TD504
TIME	1/100 SEC.	SPEED	TANKS 85 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F 96	TIME	FILTER	Status A
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-28-73 CONTROL # A 16mm TASK Flight Film PREPARED BY

FILM SO-168 EMULSION # 012-01 MFG EXPIRATION DATE

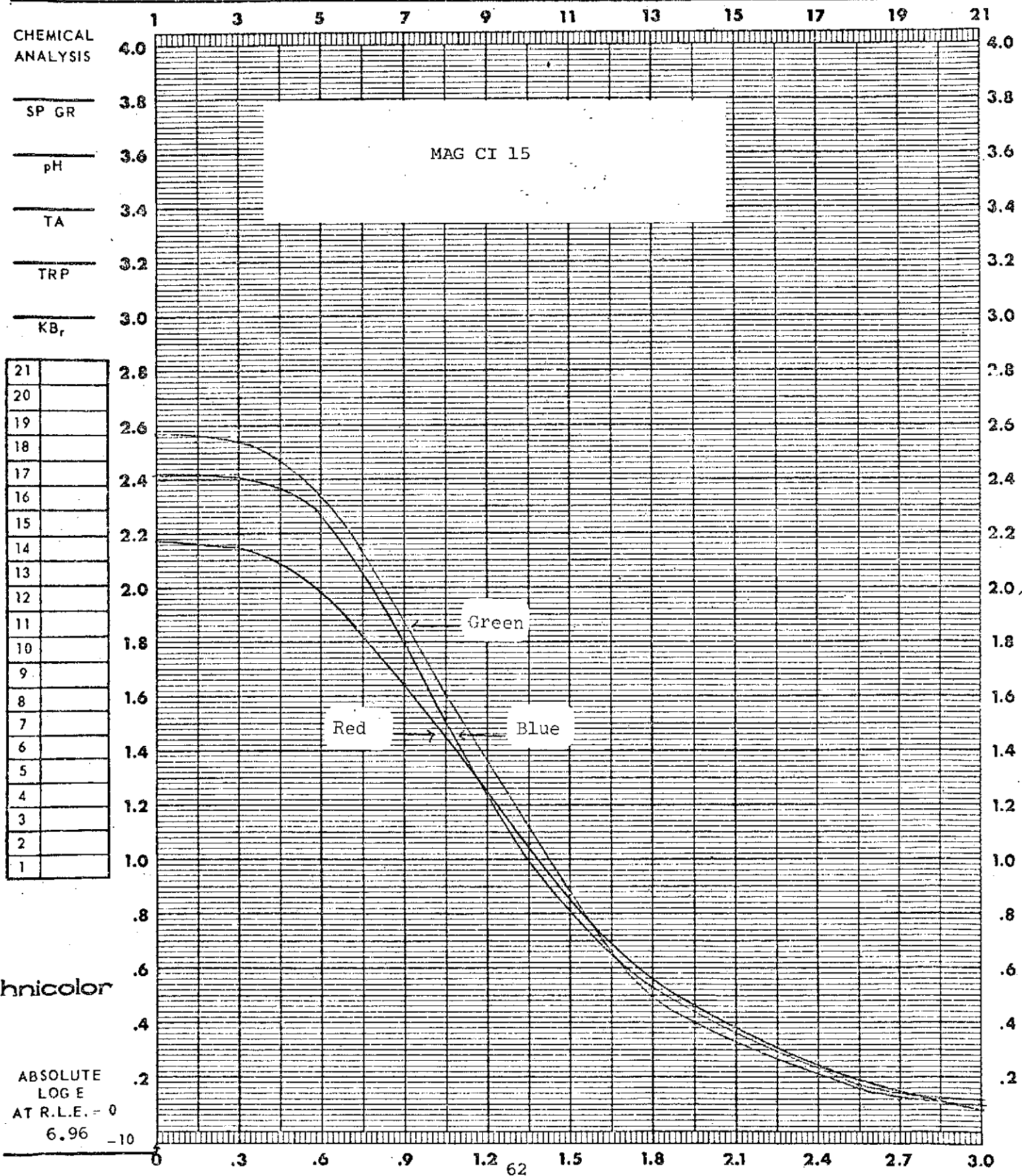
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	RAM	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-4	TYPE	TD504
TIME	1/100 SEC.	SPEED	TANKS 85 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F	98 TIME	FILTER	Visual
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-28-73 CONTROL # A 16mm TASK Flight Film PREPARED BY _____

FILM 50-168 EMULSION # 012-01 MFG EXPIRATION DATE

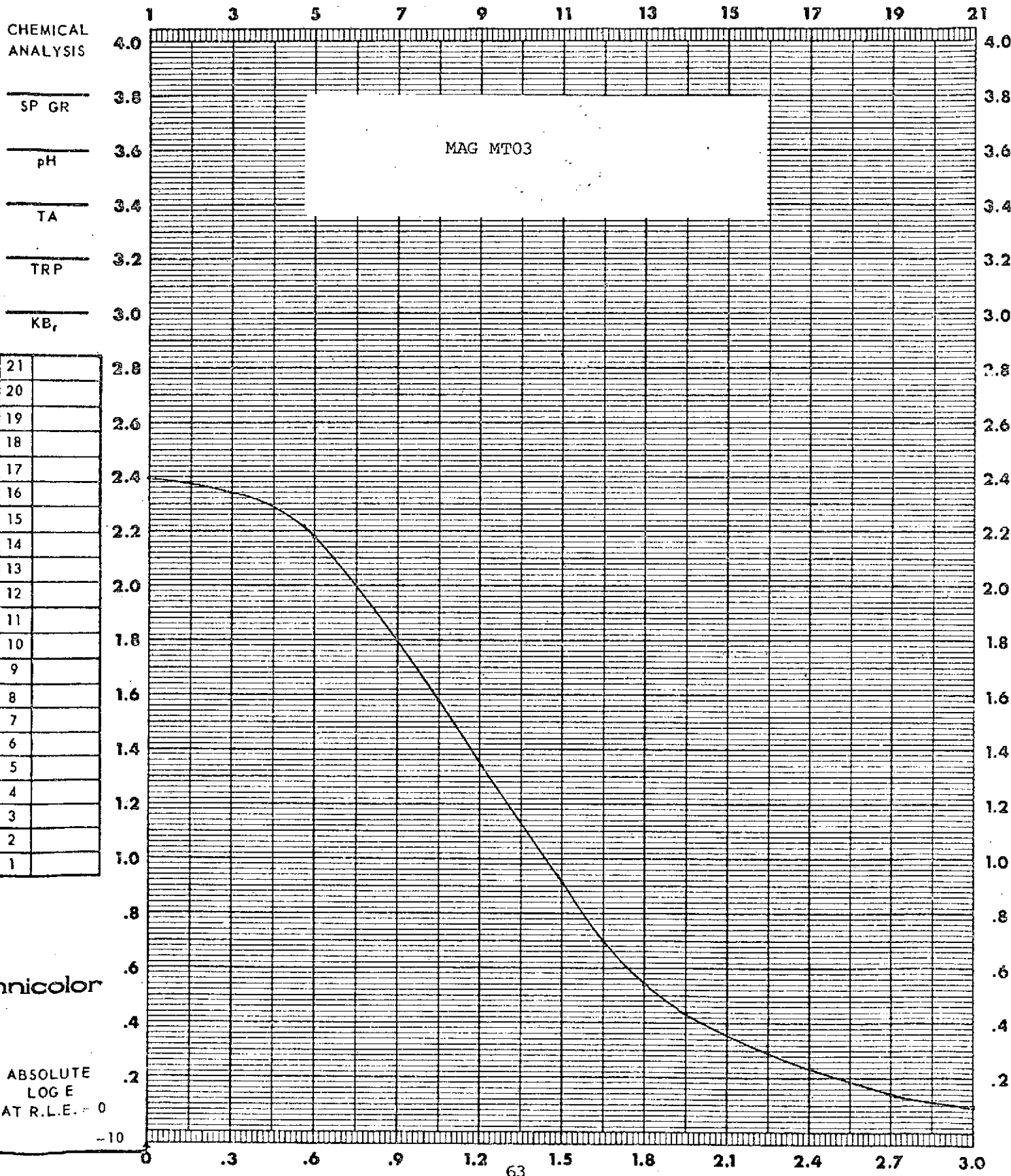
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SENSITOMETER	I-B	PROCESSOR	RAM	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-4	TYPE	TD504
TIME	1/100 SEC.	SPEED	TANKS 85 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F	98 TIME	FILTER	Status A
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-28-73 CONTROL # A 16mm TASK Flight Film PREPARED BY _____

FILM SO-168 EMULSION # _____ 012-01 MFG _____ EXPIRATION DATE _____

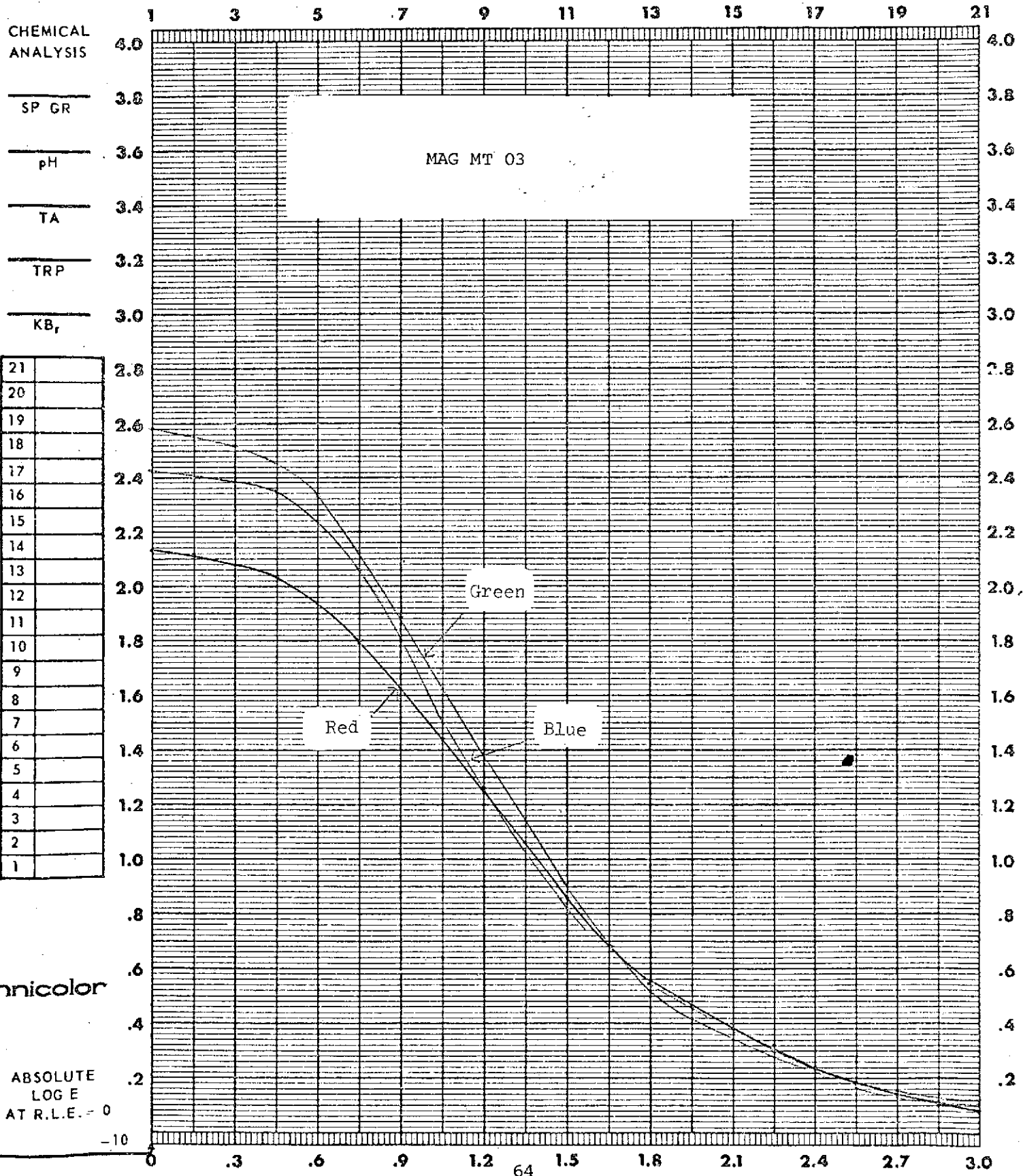
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>RAM</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-4</u>	TYPE	<u>TD504</u>
TIME	<u>1/100</u> SEC.	SPEED	<u>85</u> TANKS FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>96</u> TIME	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 6-28-73 CONTROL # A 16mm TASK Flight Film PREPARED BY

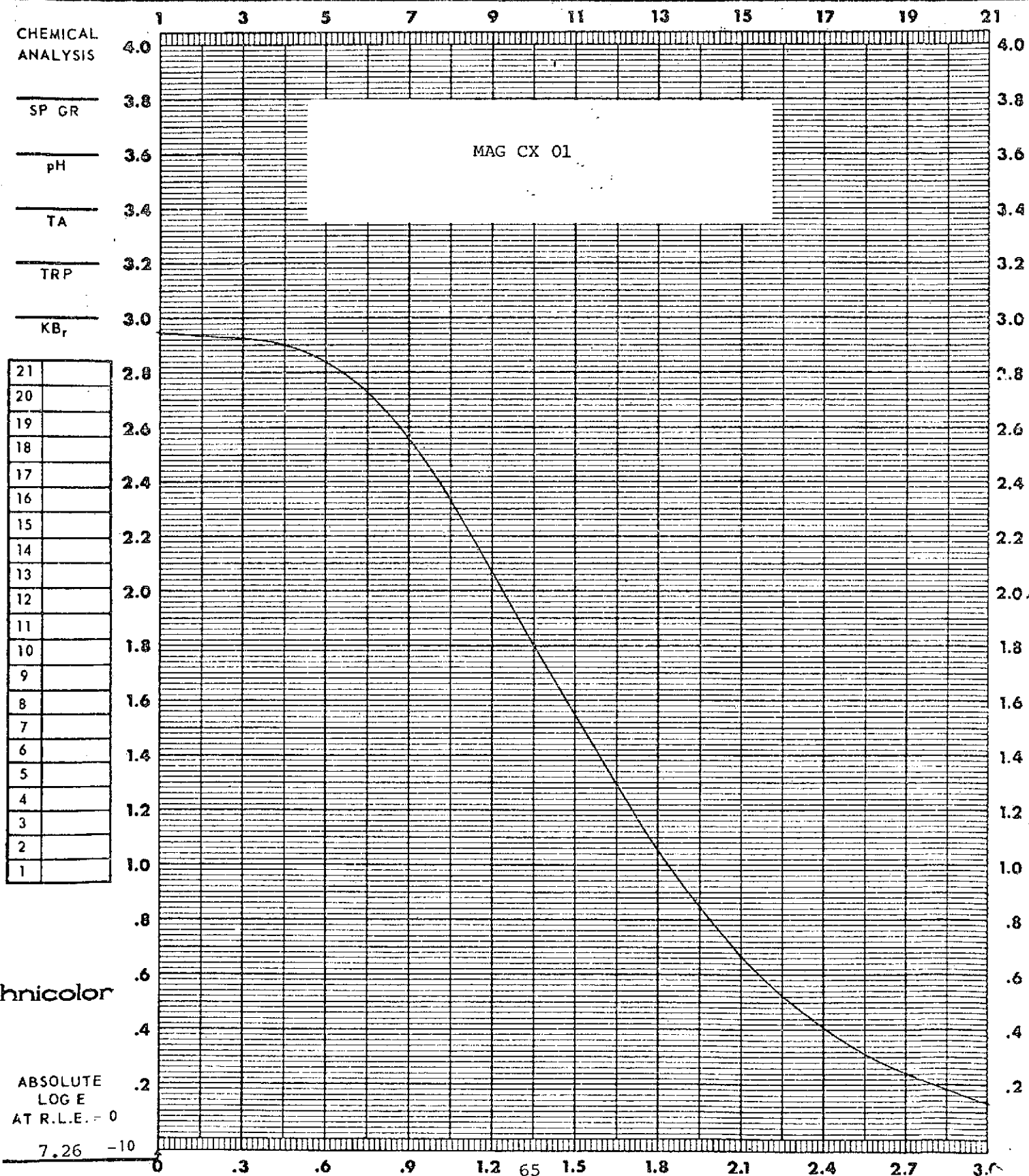
FILM SO-168 EMULSION # 012-01 MFG EXPIRATION DATE

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	RAM	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-4	TYPE	TD504
TIME	1/100 SEC.	SPEED	TANKS 85 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F 96	TIME	FILTER	Status A
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG

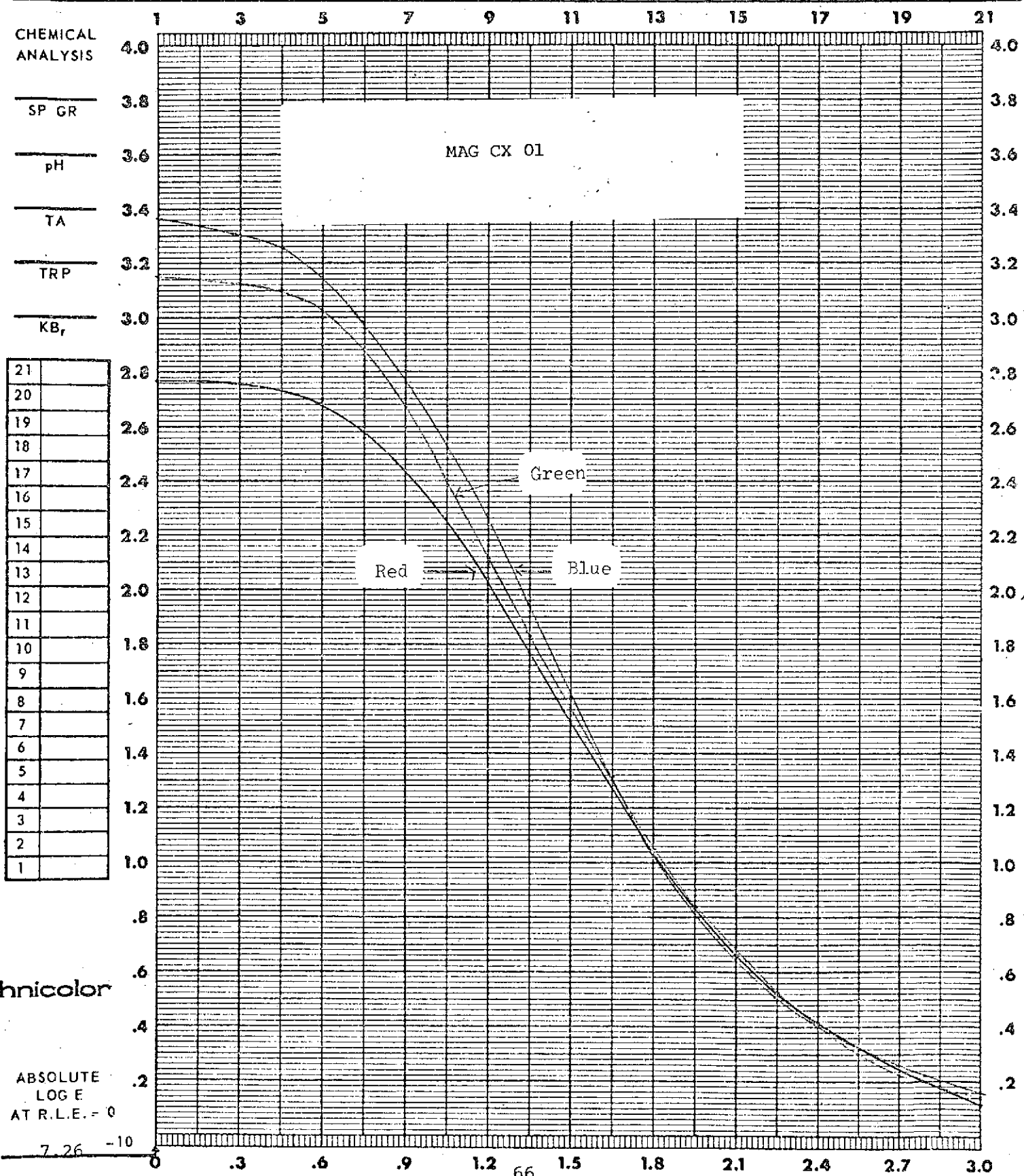


DATE 6-26-73 CONTROL # D 16mm TASK Flight Film PREPARED BY Pre ExposureFILM SO-368 EMULSION # 018-32G MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	TANKS 34 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F 75	TIME 8:00 ^u	FILTER	Visual
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____

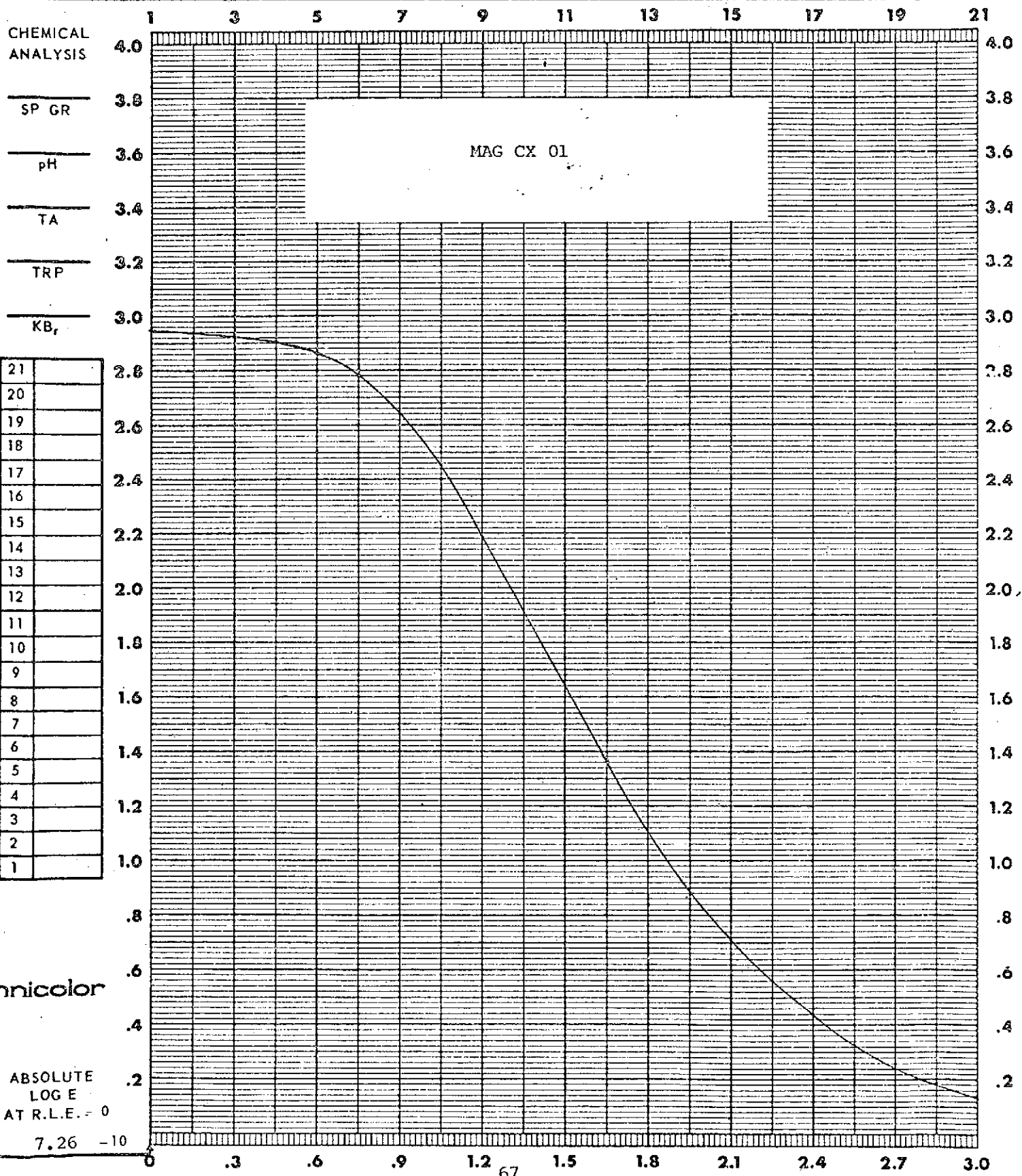


EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2a	TYPE	TD504
TIME	1/50 SEC.	SPEED	34	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F	75	TIME	8'00"
				FILTER	Status A
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-26-73 CONTROL # D 16mm TASK Flight Film PREPARED BY Post ExposureFILM SO-368 EMULSION # 018-32G MFG _____ EXPIRATION DATE _____

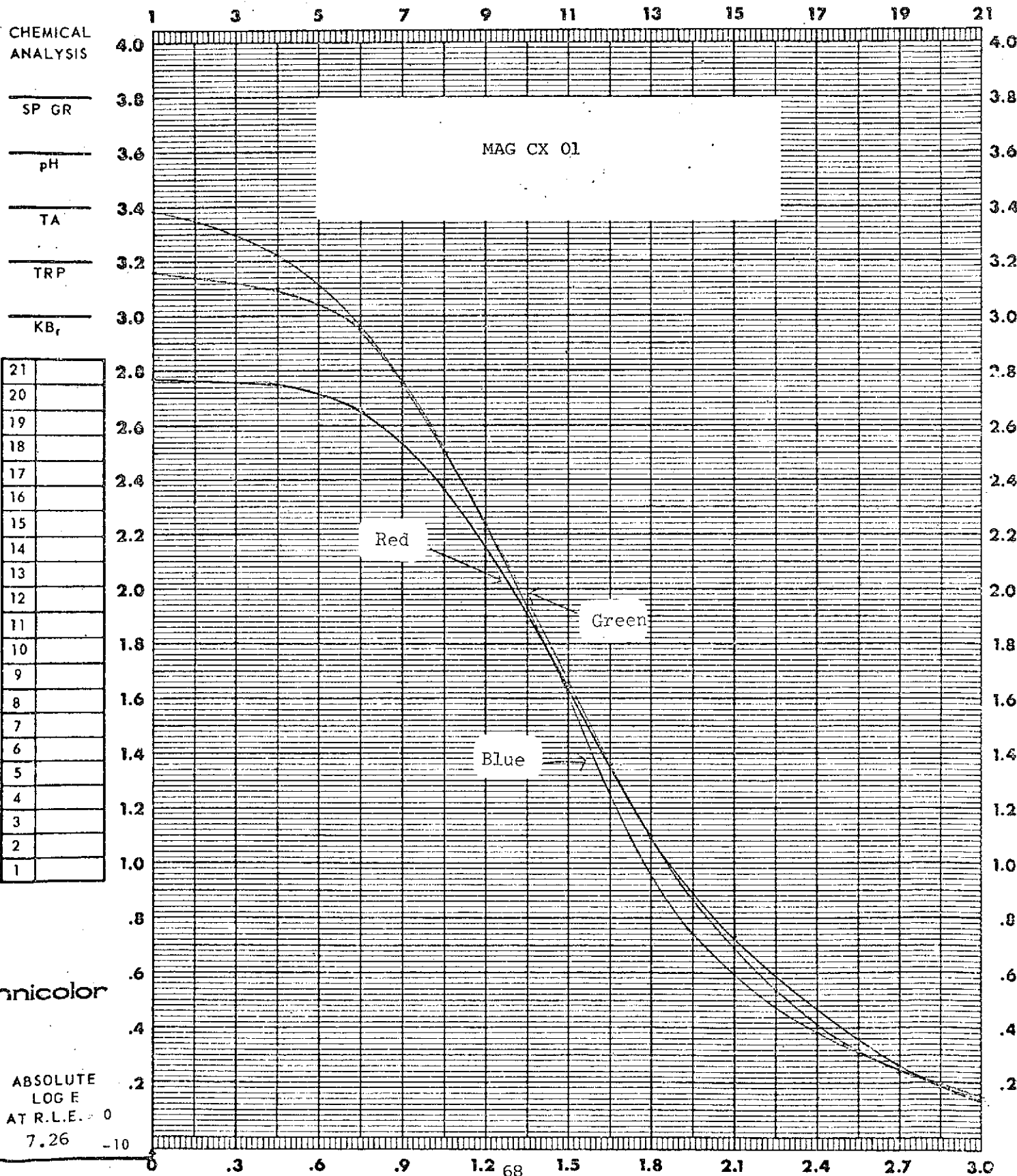
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2A</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>34</u> TANKS <u>FPM</u>	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>75</u> TIME <u>8'00"</u>	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



SKYLAB 2
 DATE 6-26-73 CONTROL # D 16mm TASK Flight Film PREPARED BY Post Exposure

FILM SO-368 EMULSION # 018-32G MFG _____ EXPIRATION DATE _____

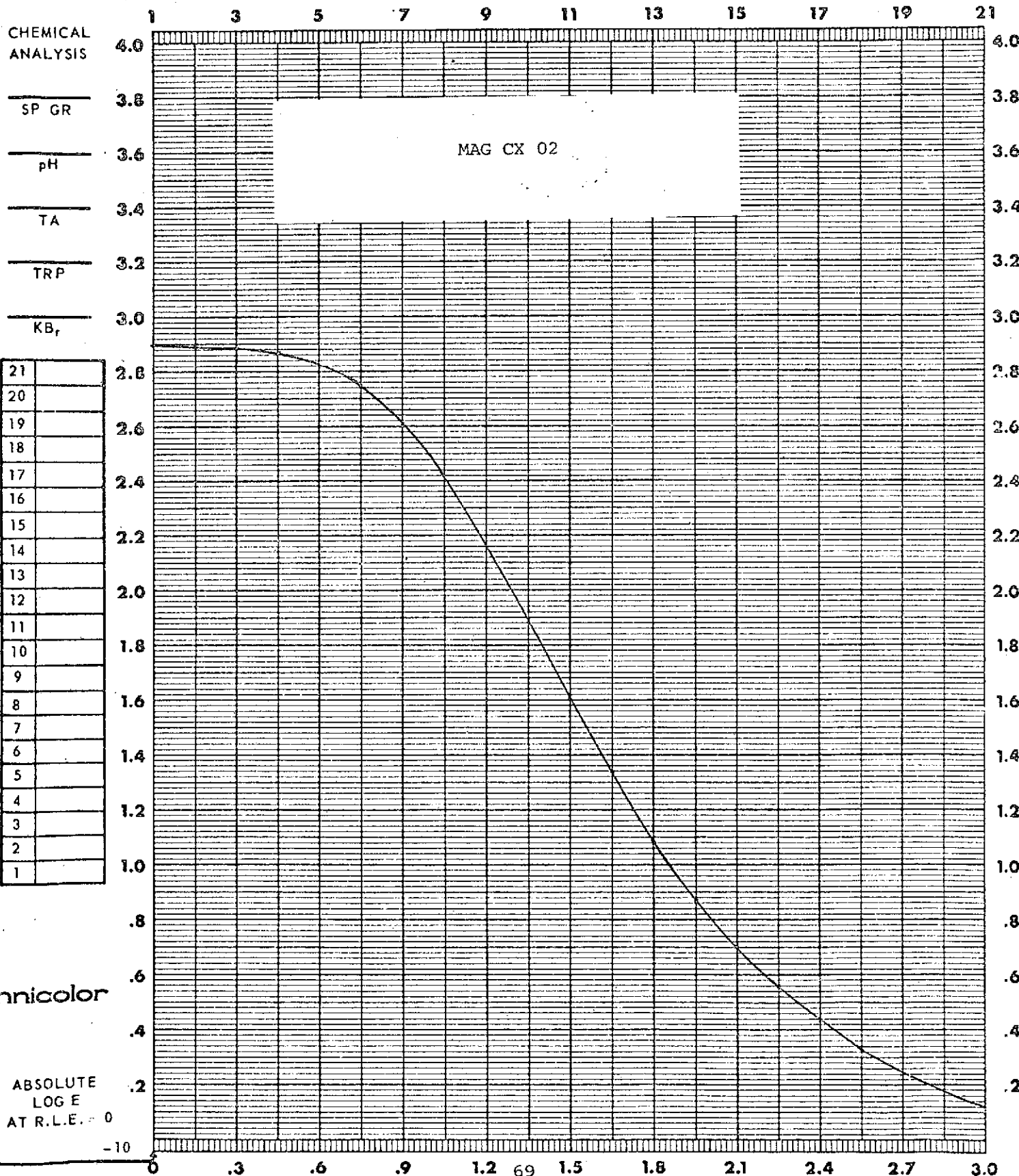
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2A</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>34</u>	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F <u>75</u>	TIME <u>8'00"</u>	FILTER	<u>Status A</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 6-25-73 CONTROL # D 16mm TASK Flight Film PREPARED BY _____

FILM SO-368 EMULSION # 018-32G MFG _____ EXPIRATION DATE _____

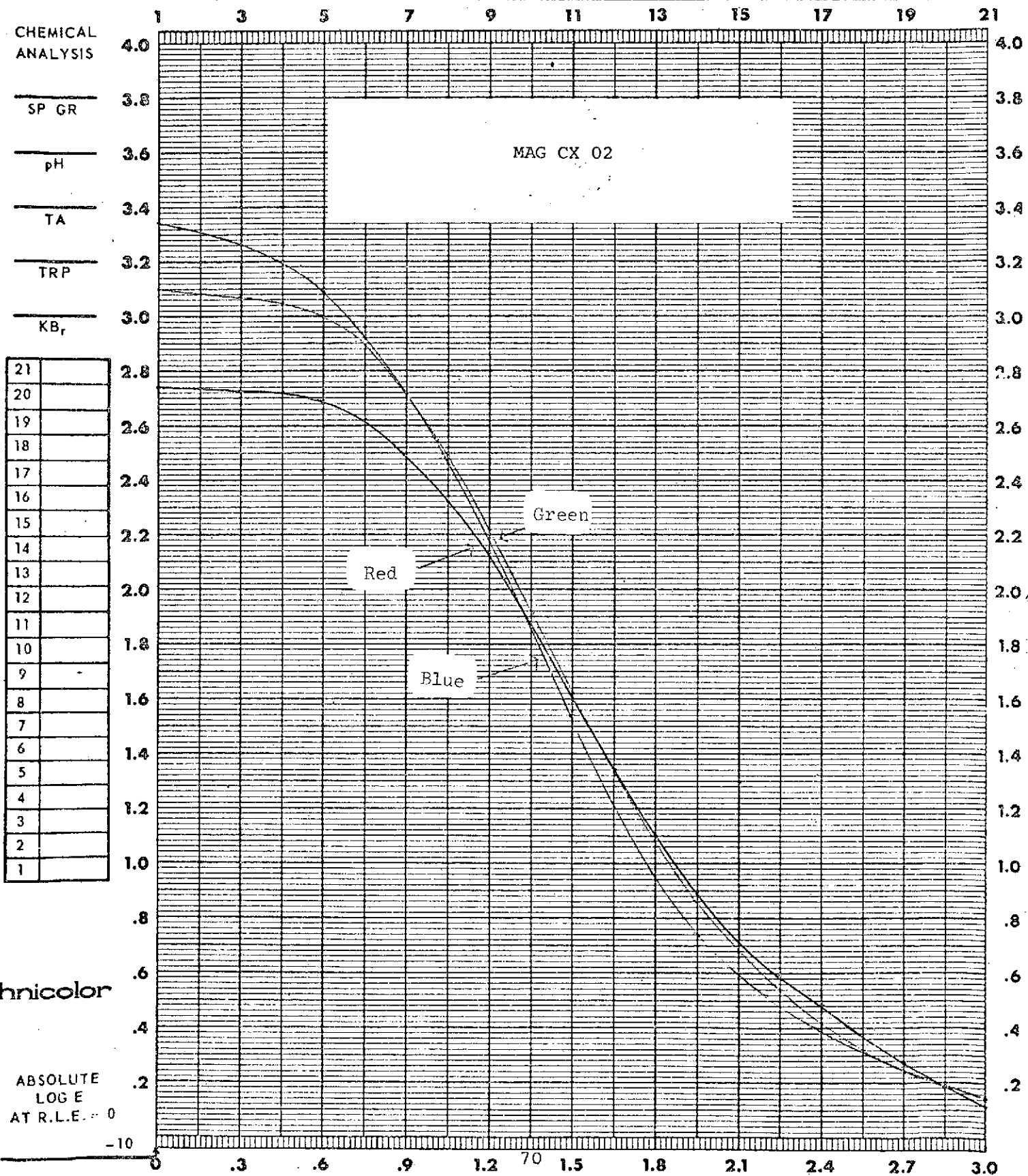
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2A</u>	TYPE	<u>TD504</u>
TIME	<u>1/50_{SEC.}</u>	SPEED	<u>34</u> FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>75</u>	FILTER	<u>Visual</u>
		TANKS	<u>8'00"</u>		
		TIME			



DATE 6-25-73 CONTROL # D 16mm TASK Flight Film PREPARED BY

FILM 50-368 EMULSION # 018-32G MFG EXPIRATION DATE

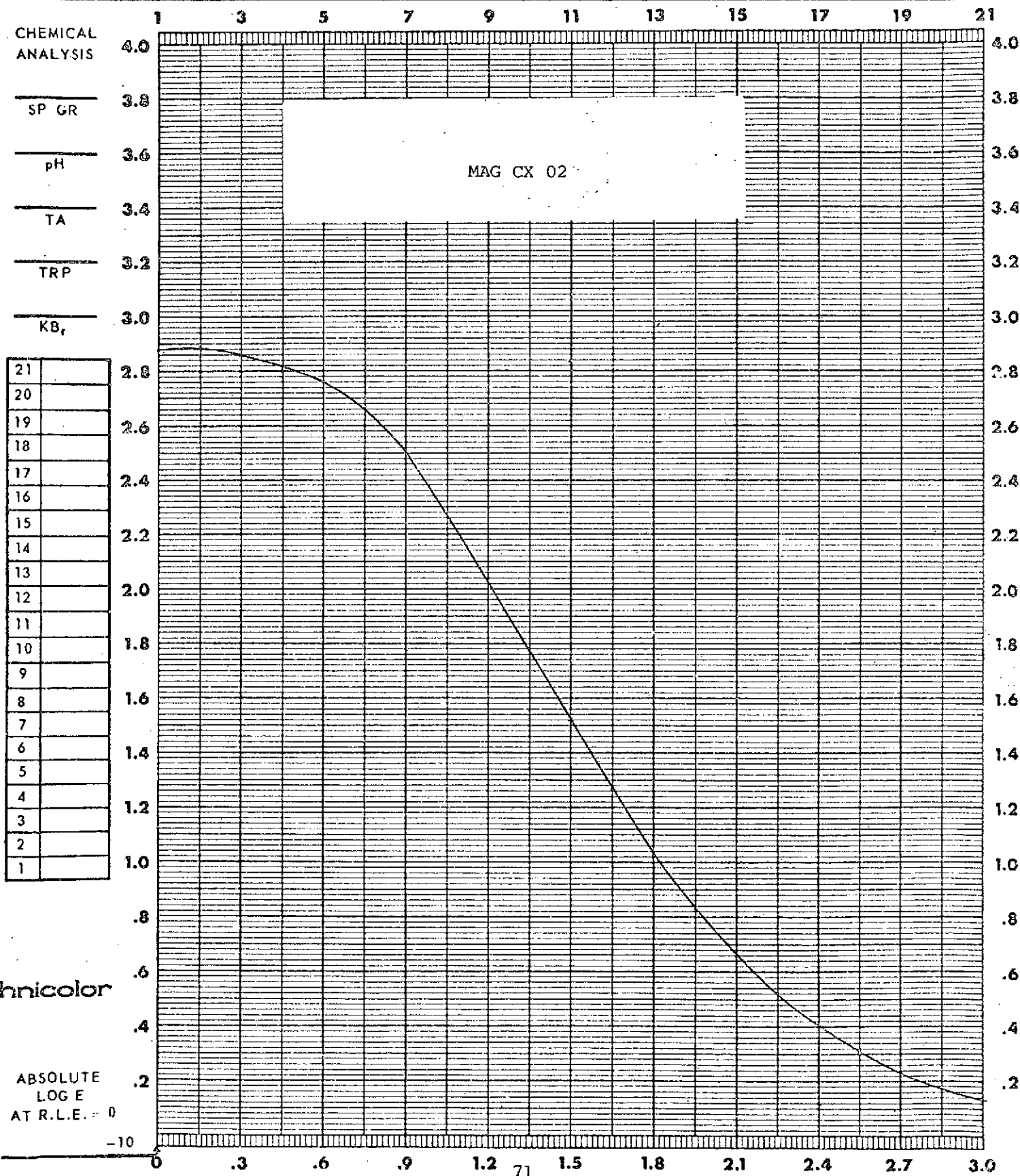
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	34	APERTURE SIZE	3
FILTER	5500°K	TEMP °F 75	TIME 8'00"	FILTER	Status A
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-25-73 CONTROL # D 16mm TASK SKYLAB 2 Flight Film PREPARED BY

FILM 50-368 EMULSION # 018-328 MFG EXPIRATION DATE

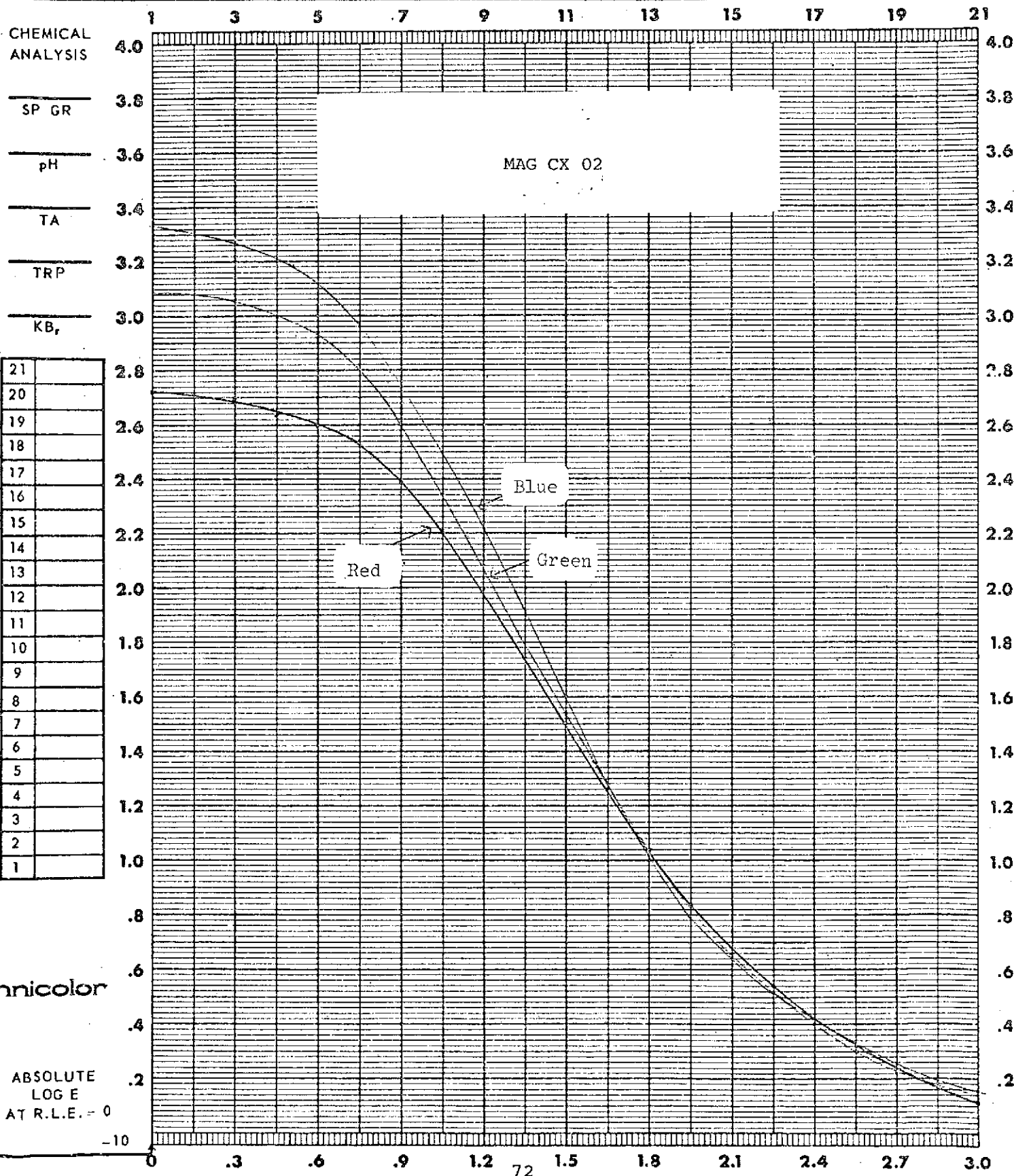
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	34	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F	75	FILTER	Visual
		TIME	8'00"		
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-25-73 CONTROL # D 16mm TASK SKYLAB 2 Flight Film PREPARED BY

FILM SO-368 EMULSION # 018-32G MFG EXPIRATION DATE

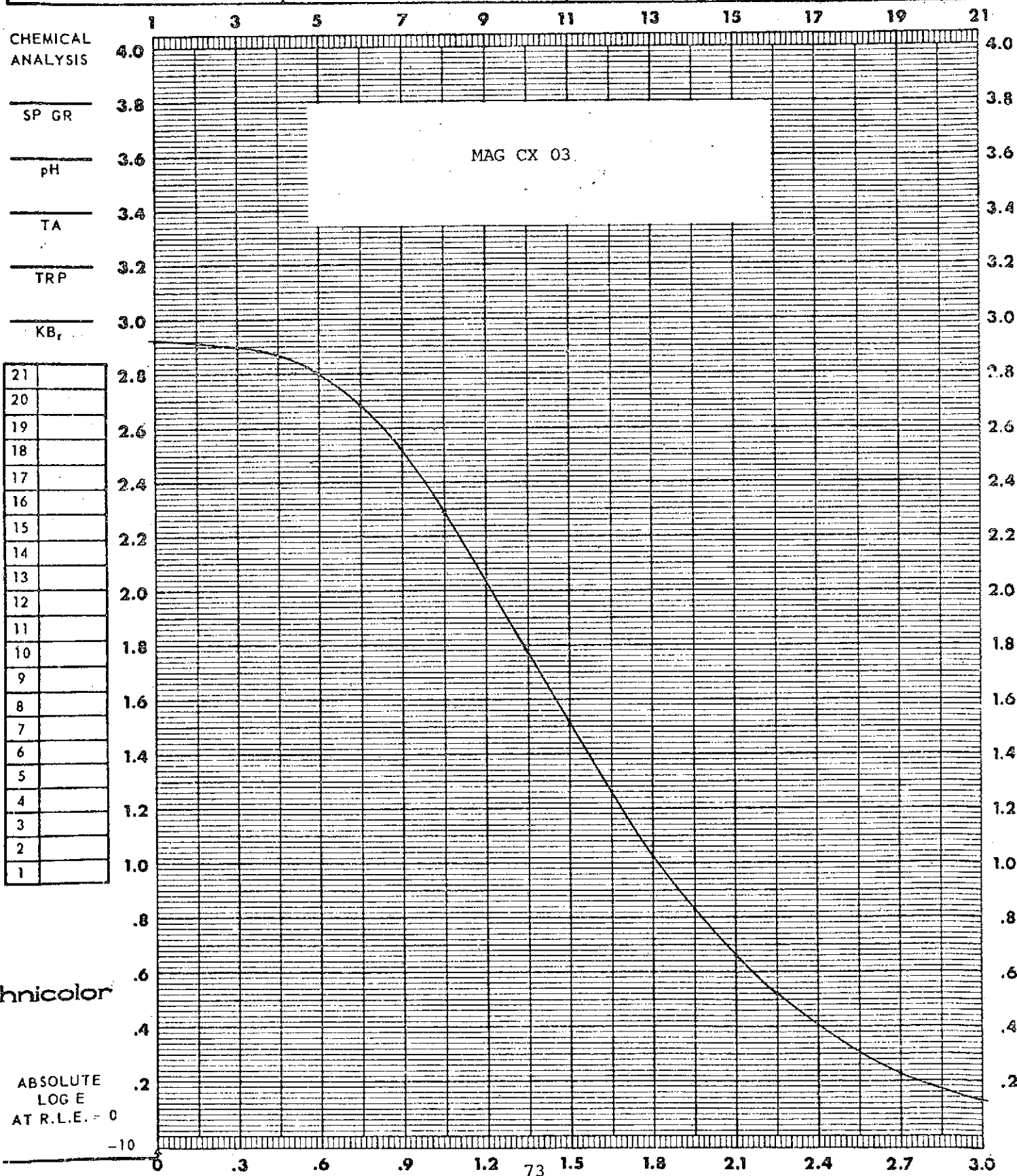
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	TANKS 34 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F	75	TIME	
				FILTER	Status A
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-26-73 CONTROL # D 16mm TASK Flight Film PREPARED BY Pre Exposure

FILM SO-368 EMULSION # 018-32G MFG _____ EXPIRATION DATE _____

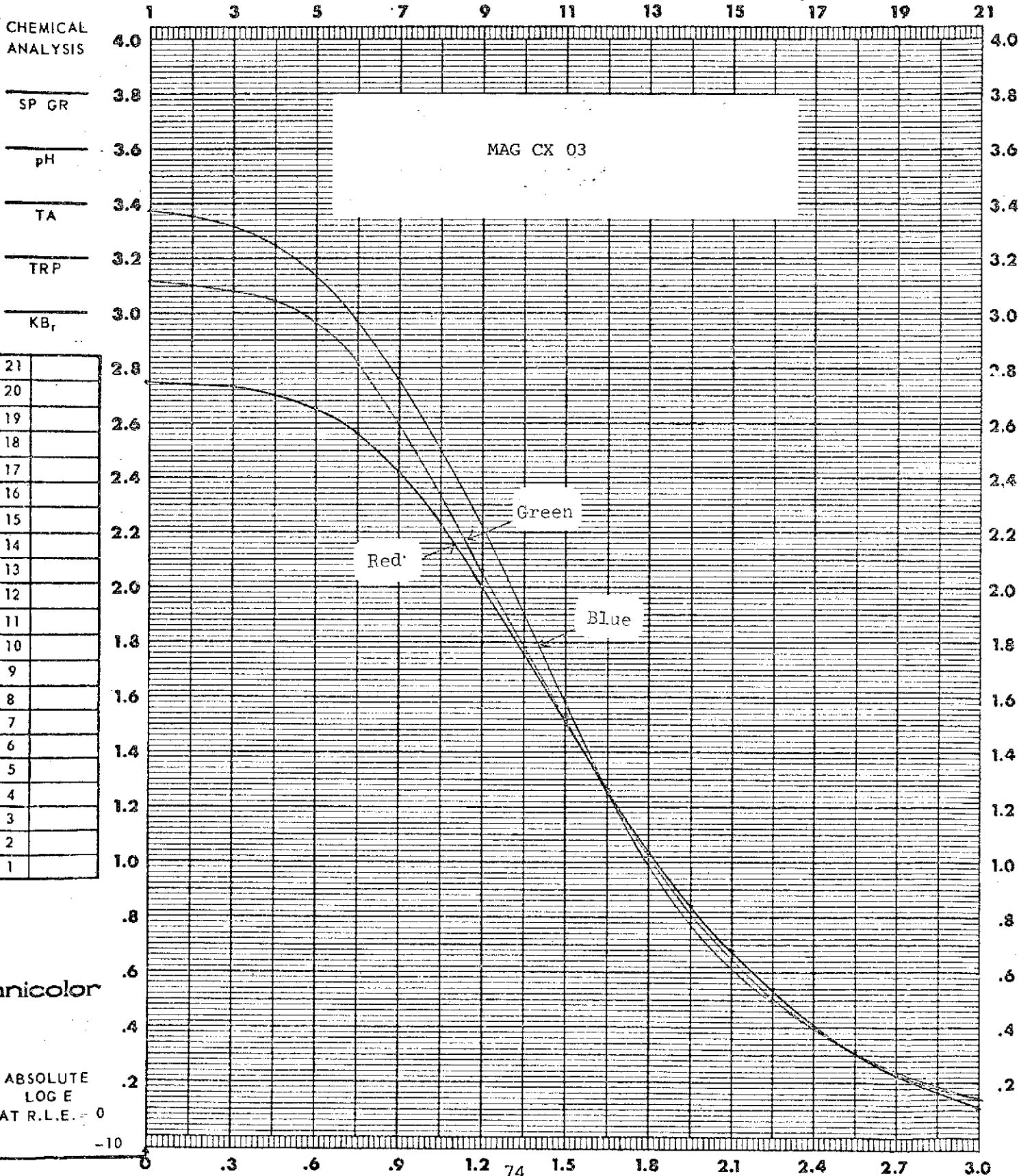
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	34	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F	75	FILTER	Visual
		TIME	8'00"		



DATE 6-26-73 CONTROL # D 16mm TASK Flight Film PREPARED BY Pre Exposure

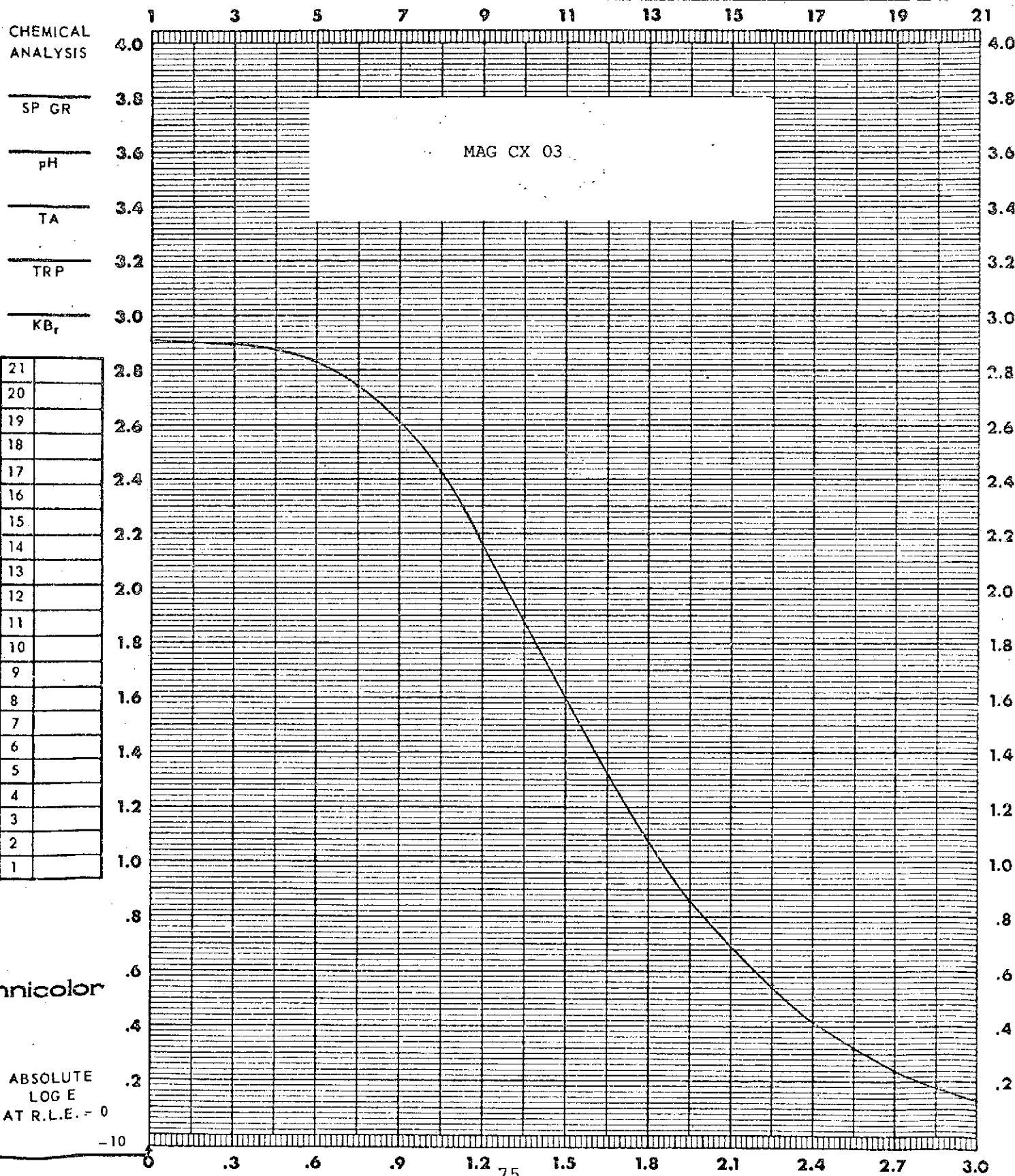
FILM SO-368 EMULSION # 018-32G MFG EXPIRATION DATE

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	TANKS 34 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F 75	TIME 8'00"	FILTER	Status A
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



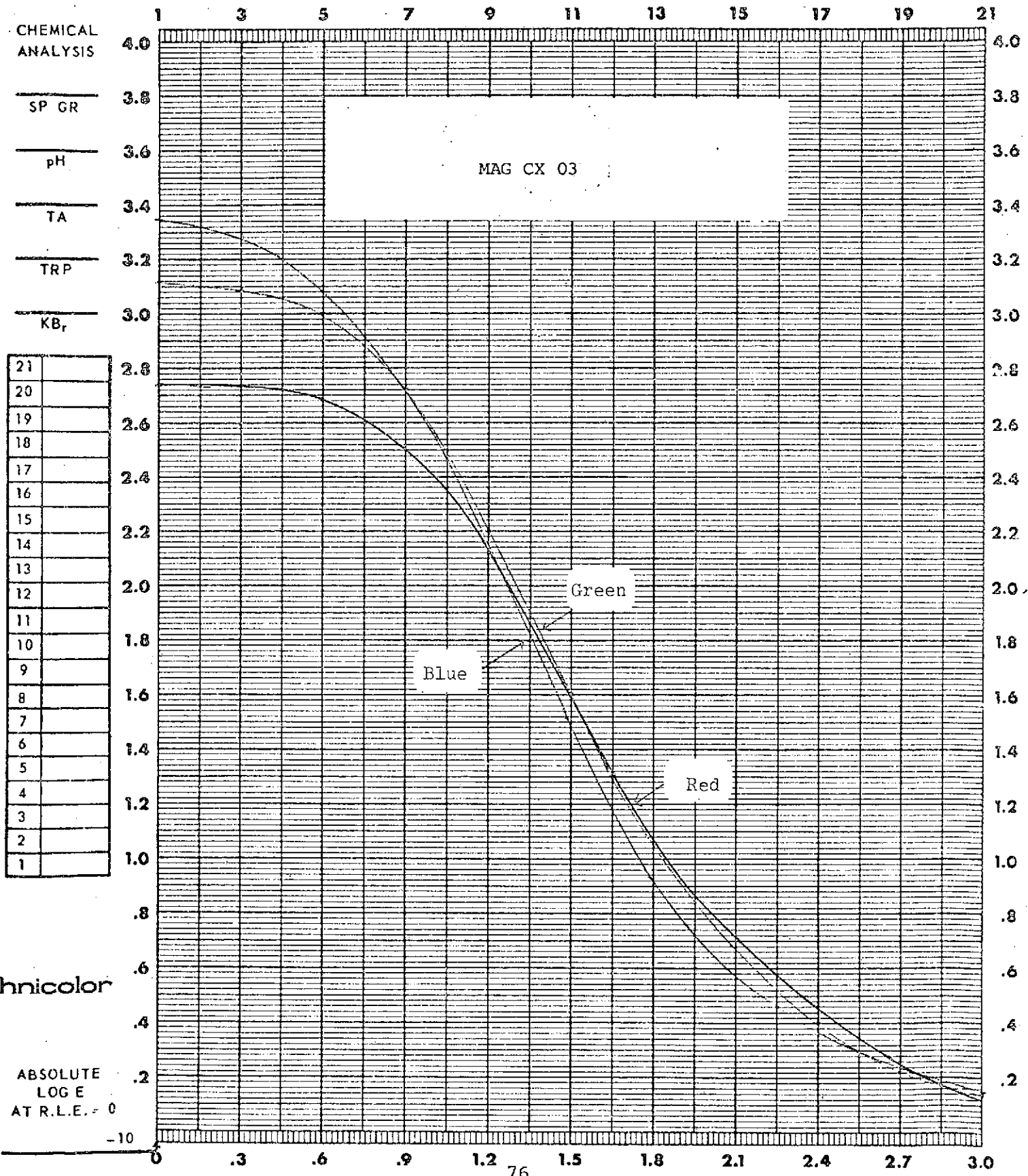
DATE 6-26-73 CONTROL # D 16mm TASK Flight Film PREPARED BY Post ExposureFILM SO-368 EMULSION # 018-32G MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2A</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>TANKS 34</u> FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>75</u>	TIME	<u>8'00"</u>
				FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____

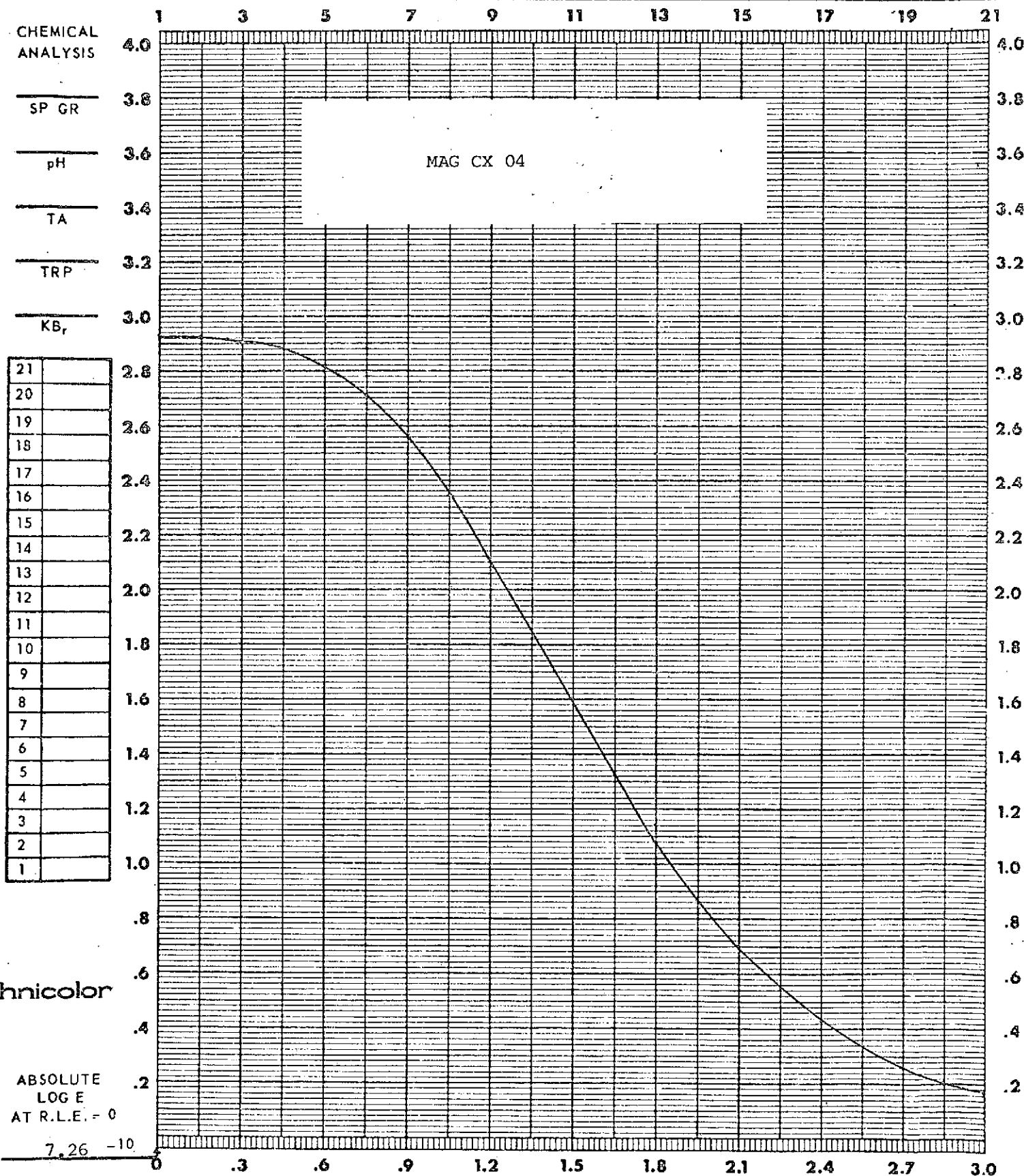


DATE 6-26-73 CONTROL # D 16mm TASK Flight Film PREPARED BY Post ExposureFILM SO-368 EMULSION # 018-32G MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2a</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>TANKS 34</u> FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>75</u> TIME <u>8:00"</u>	FILTER	<u>Status A</u>
					<u>BASE + FOG</u>



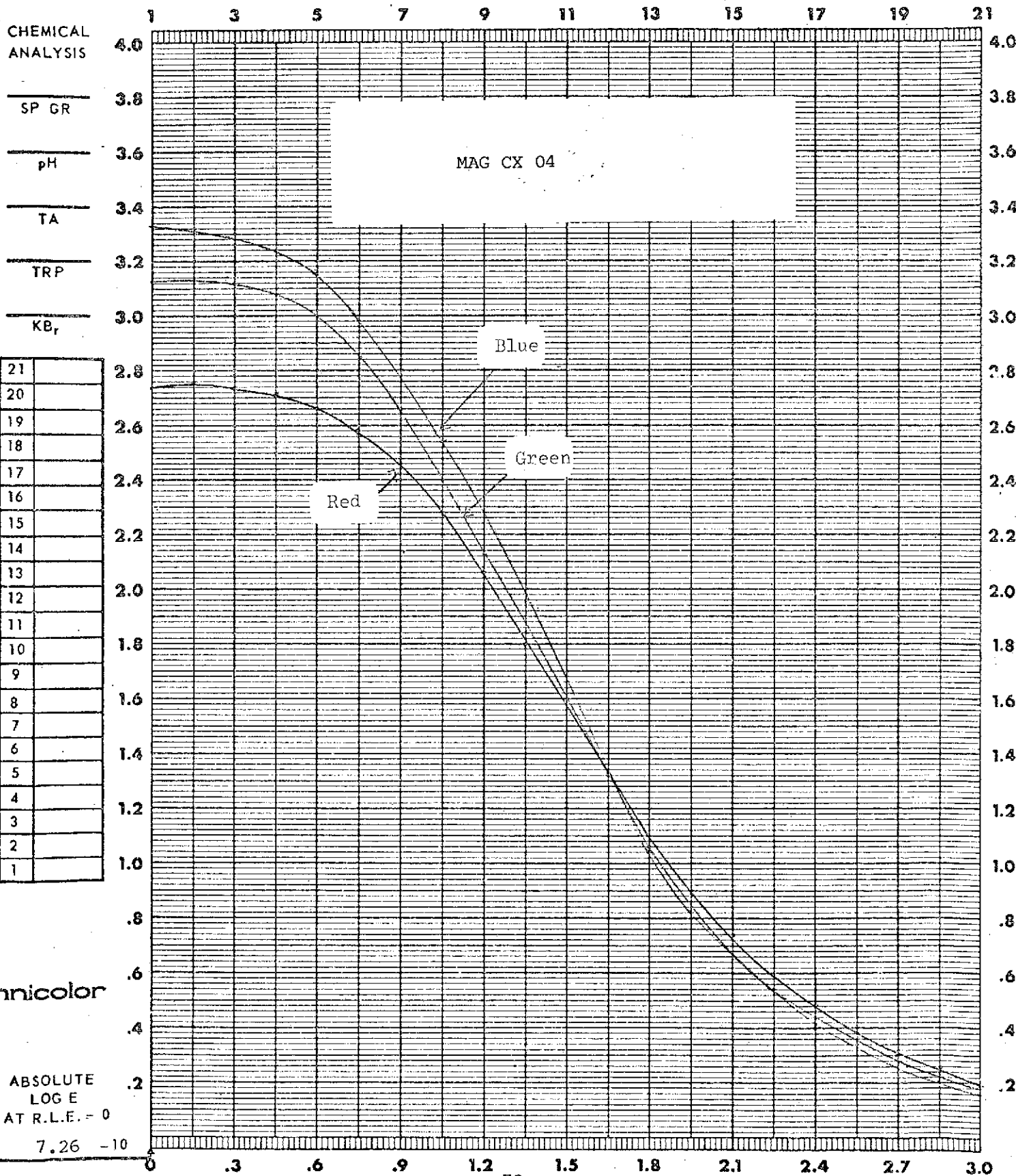
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2A</u>	TYPE	<u>TD504</u>
TIME	<u>1/50_{SEC.}</u>	SPEED	<u>4</u> TANKS <u>FPM</u>	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>75</u> TIME _____	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



SKYLAB 2
 DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Pre Exposure

FILM SQ-368 EMULSION # 18-81 MFG EXPIRATION DATE

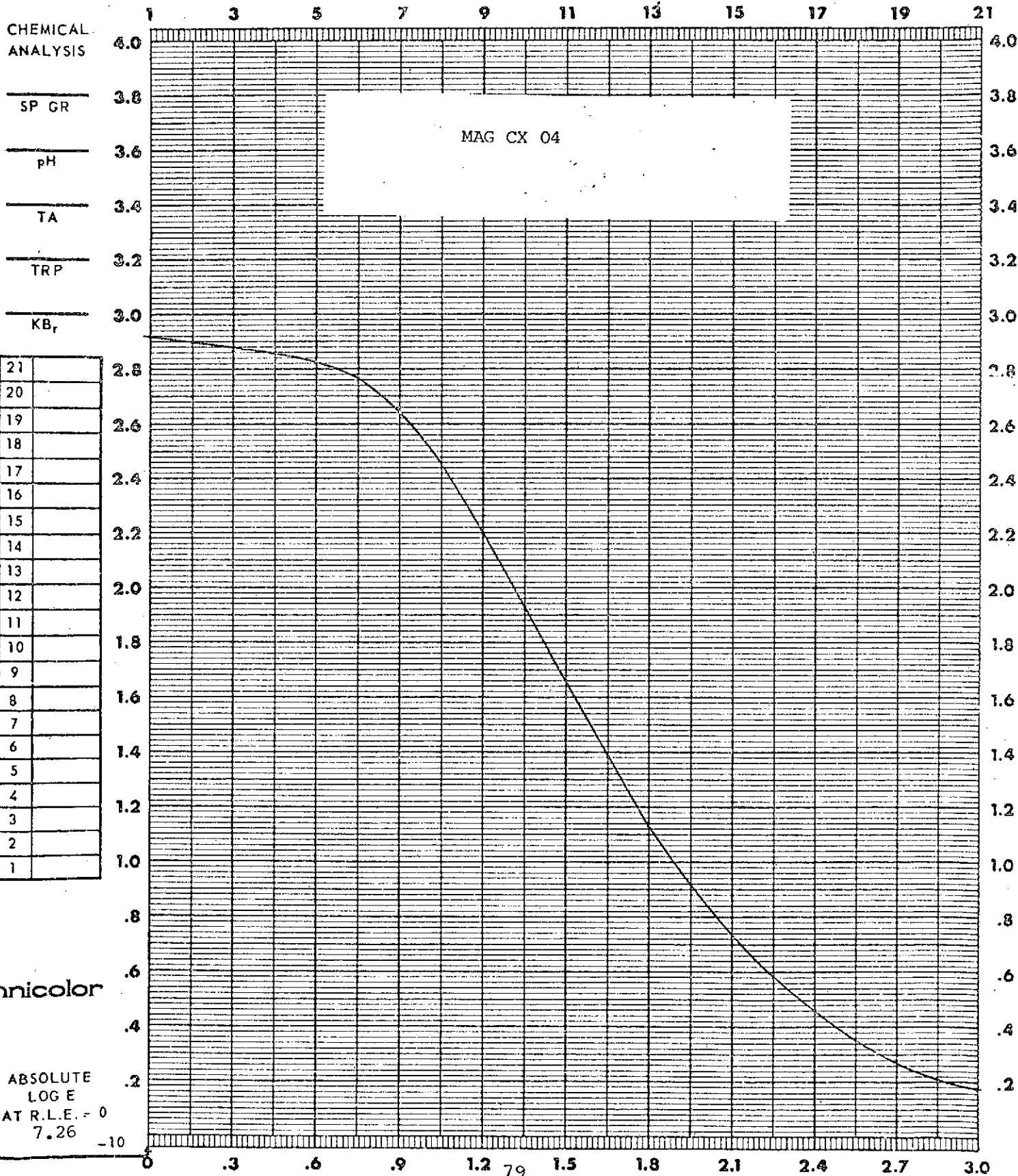
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	4	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F 75	TIME	FILTER	Status A
					BASE + FOG



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Post Exposure

FILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

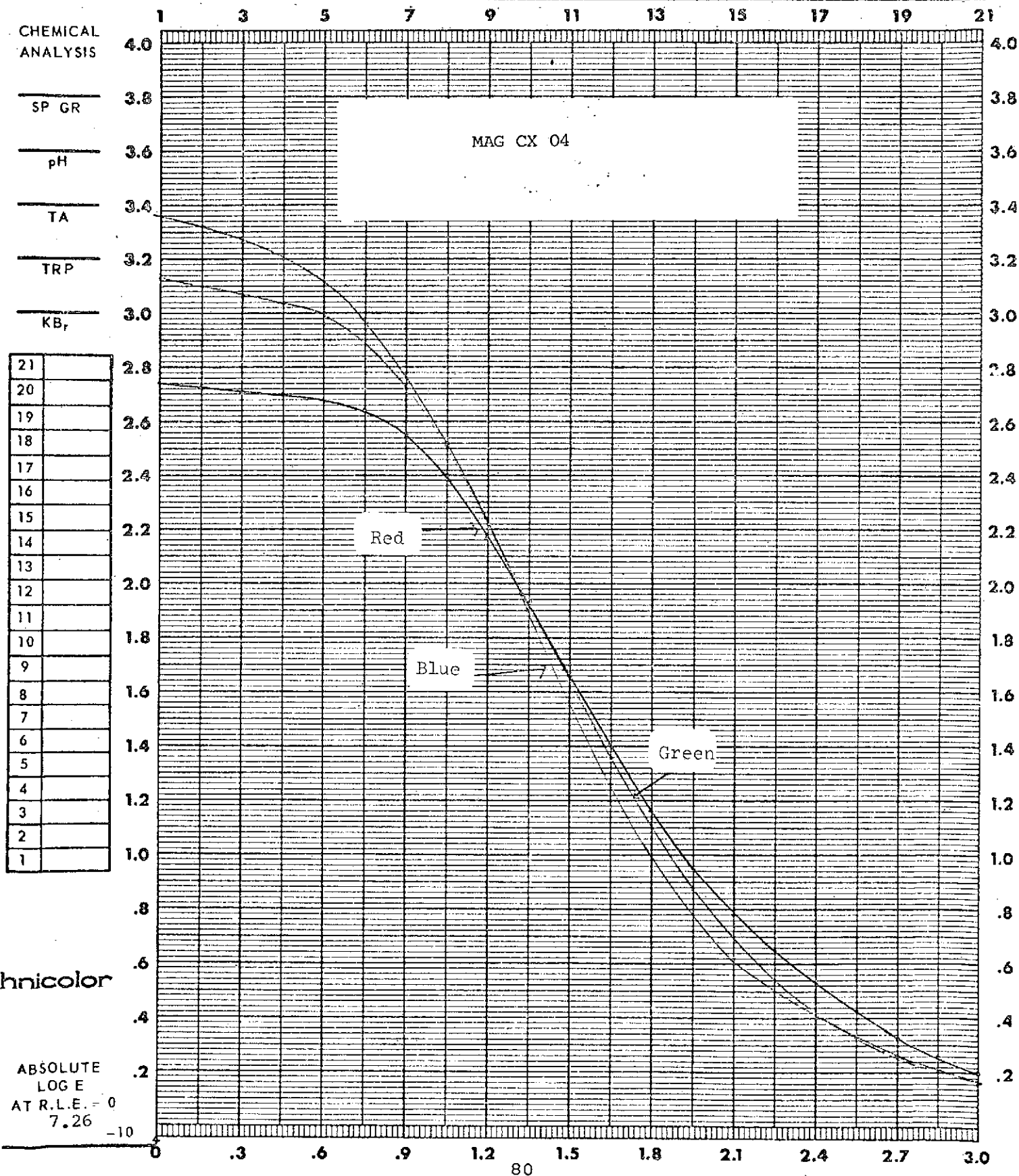
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	4 TANKS FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F	75	TIME	
				FILTER	Visual
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Post Exposure

FILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	TANKS 4 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F 75	TIME	FILTER	Status A
					BASE + FOG



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Post ExposureFILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2A</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>4</u> TANKS FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>75</u> TIME	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____

CHEMICAL
ANALYSIS

SP GR

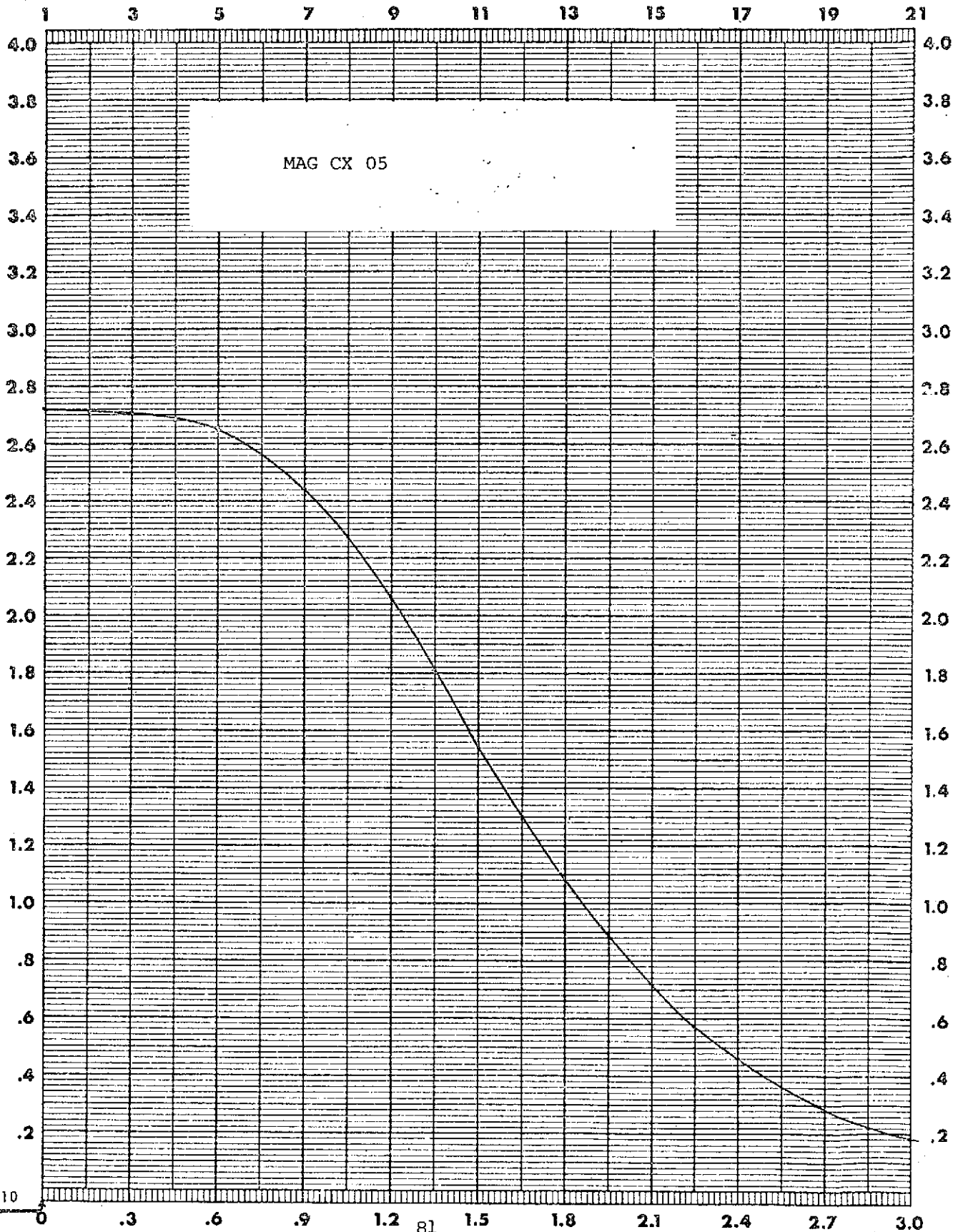
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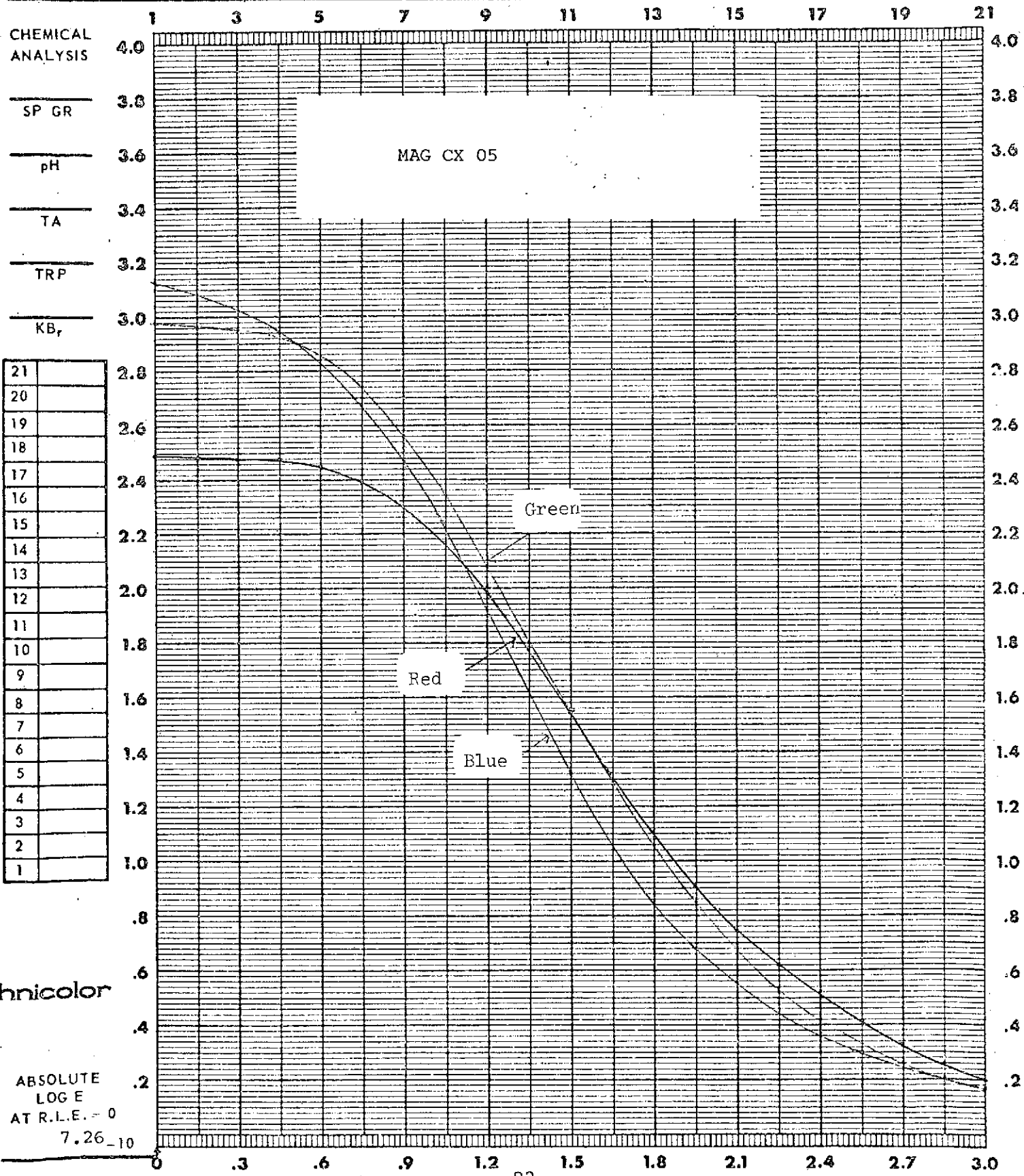
Technicolor

ABSOLUTE
LOG E
AT R.L.E. - 0

7.26 -10

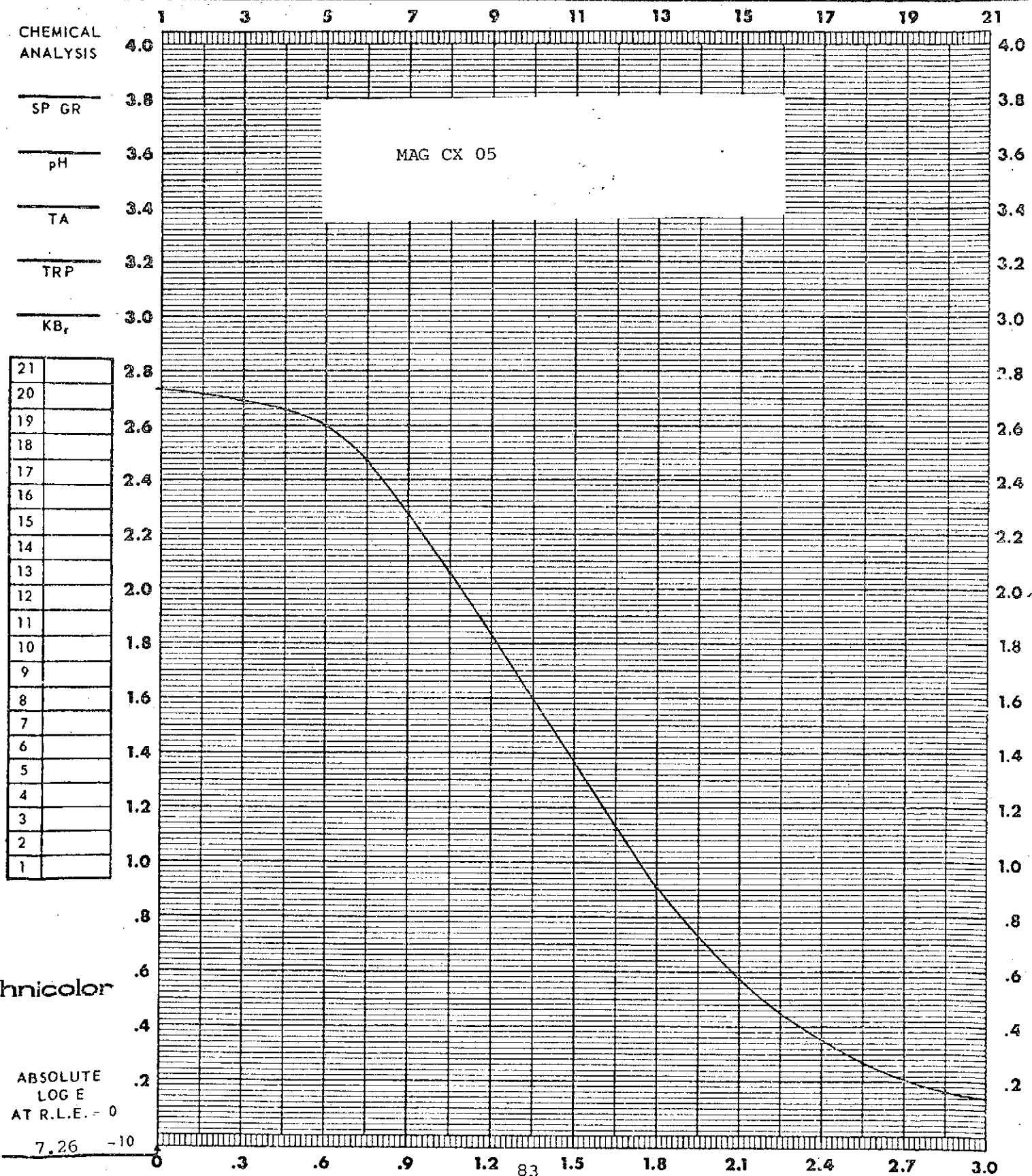
DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Post ExposureFILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2A</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>4</u> TANKS FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>75</u> TIME	FILTER	<u>Status A</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Pre ExposureFILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

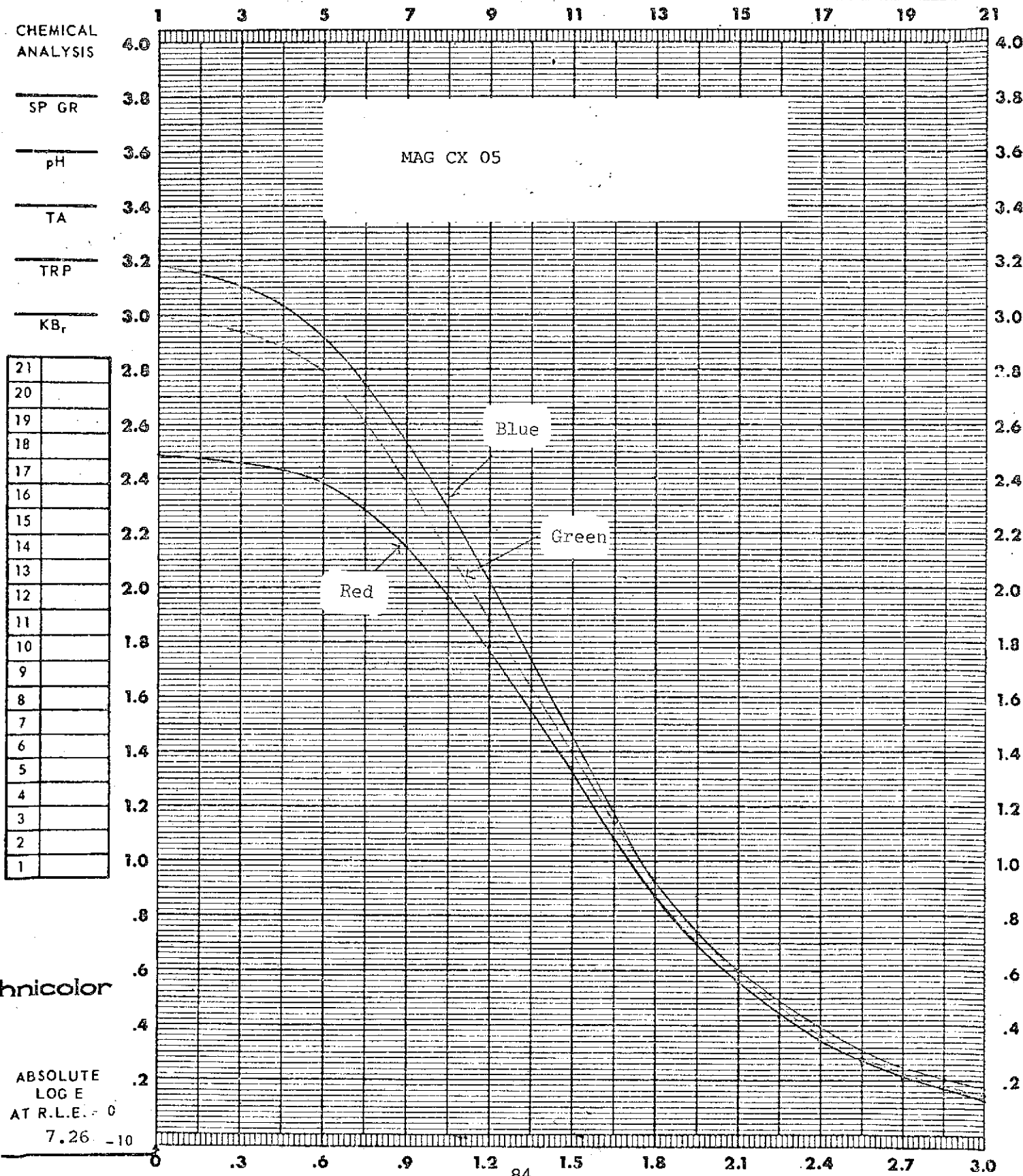
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2A</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>4</u> TANKS <u>4</u> FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>75</u> TIME	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Pre Exposure

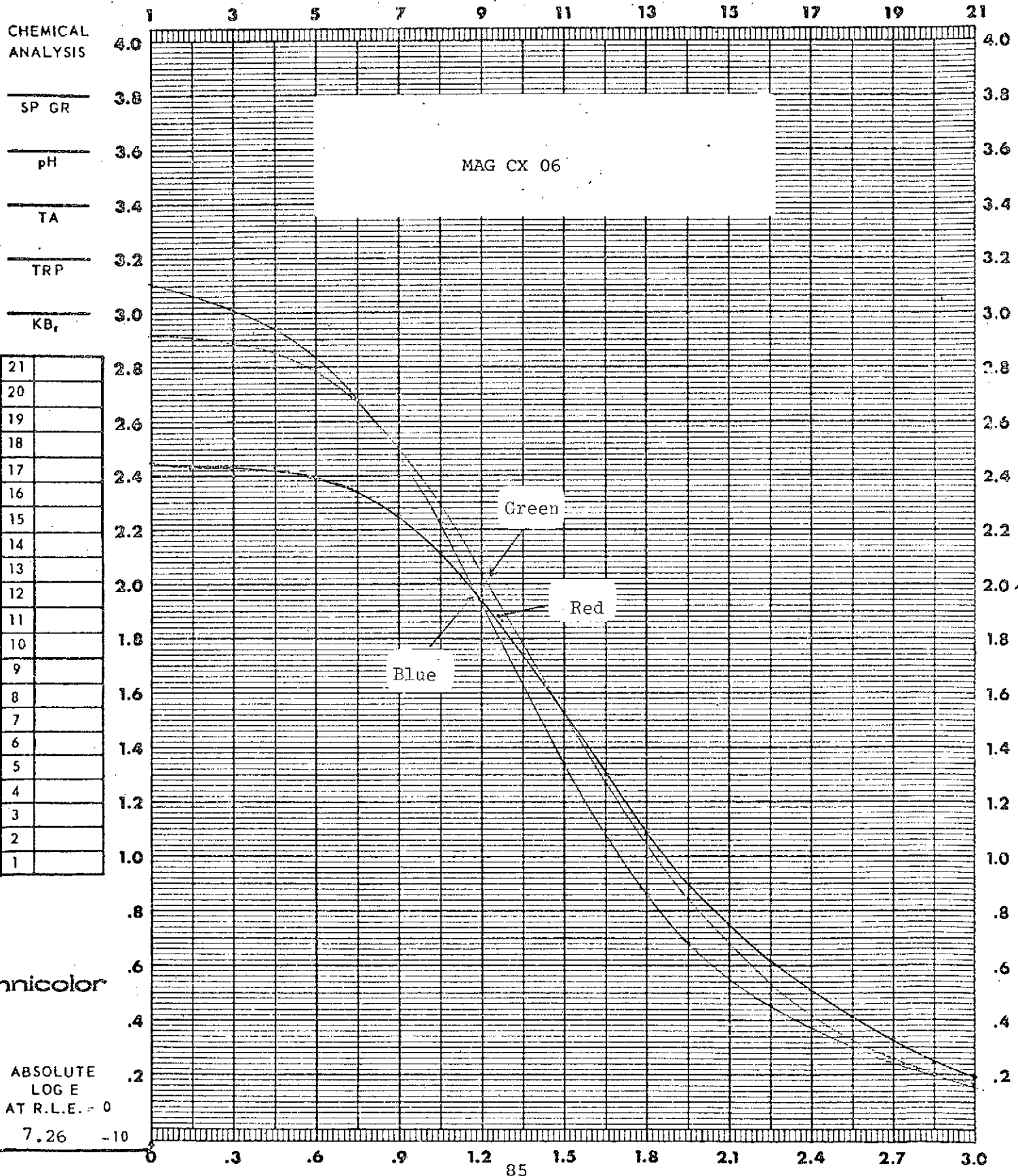
FILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50sec.	SPEED	TANKS 4 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F 75	TIME	FILTER	Status A
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



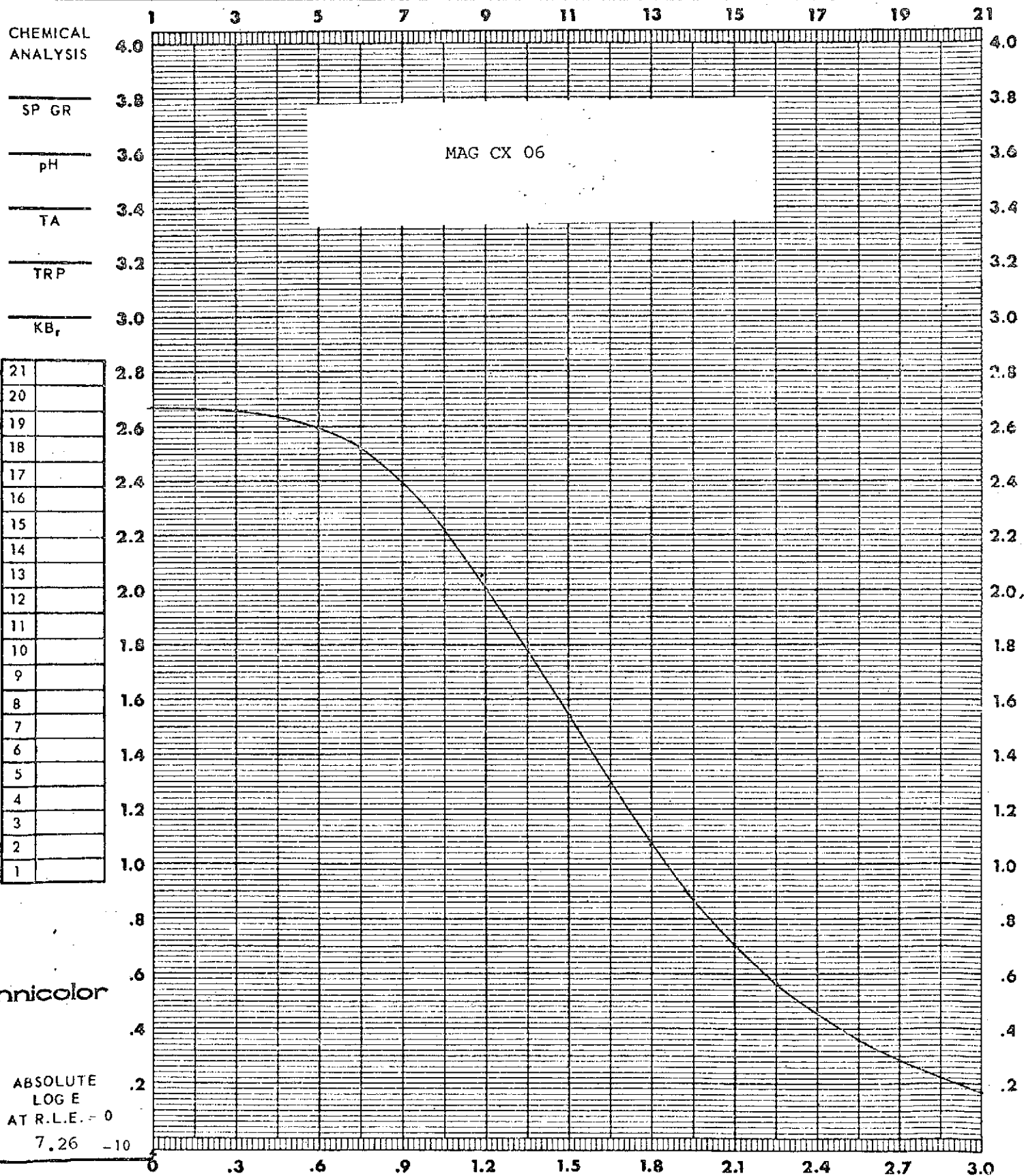
DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Post ExposureFILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	TANKS 4 FPM	APERTURE SIZE	3 MM
FILTER	5500 °K	TEMP °F 75	TIME	FILTER	Status A
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Post ExposureFILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

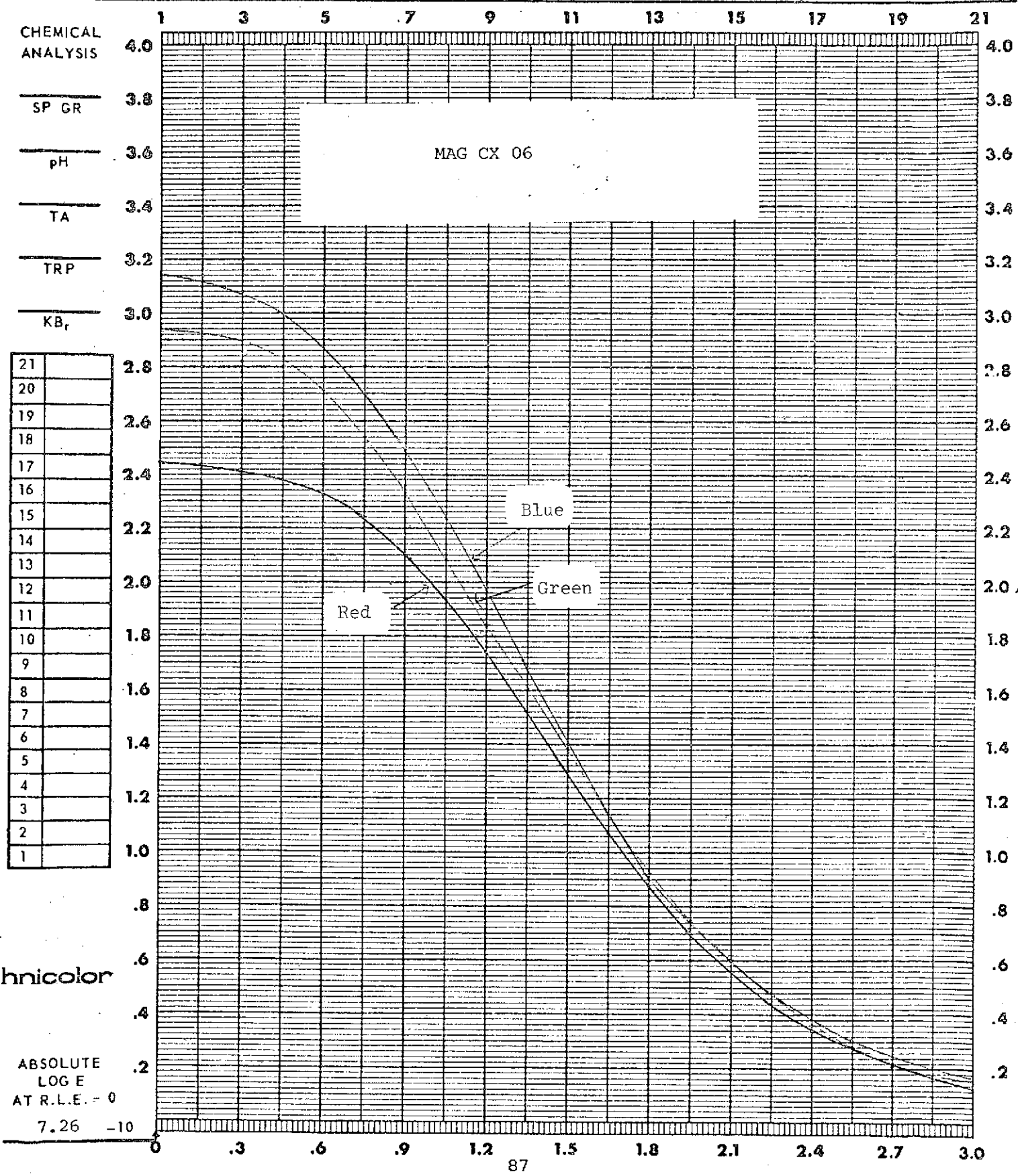
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	TANKS 4 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F	75 TIME	FILTER	Visual
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Pre Exposure

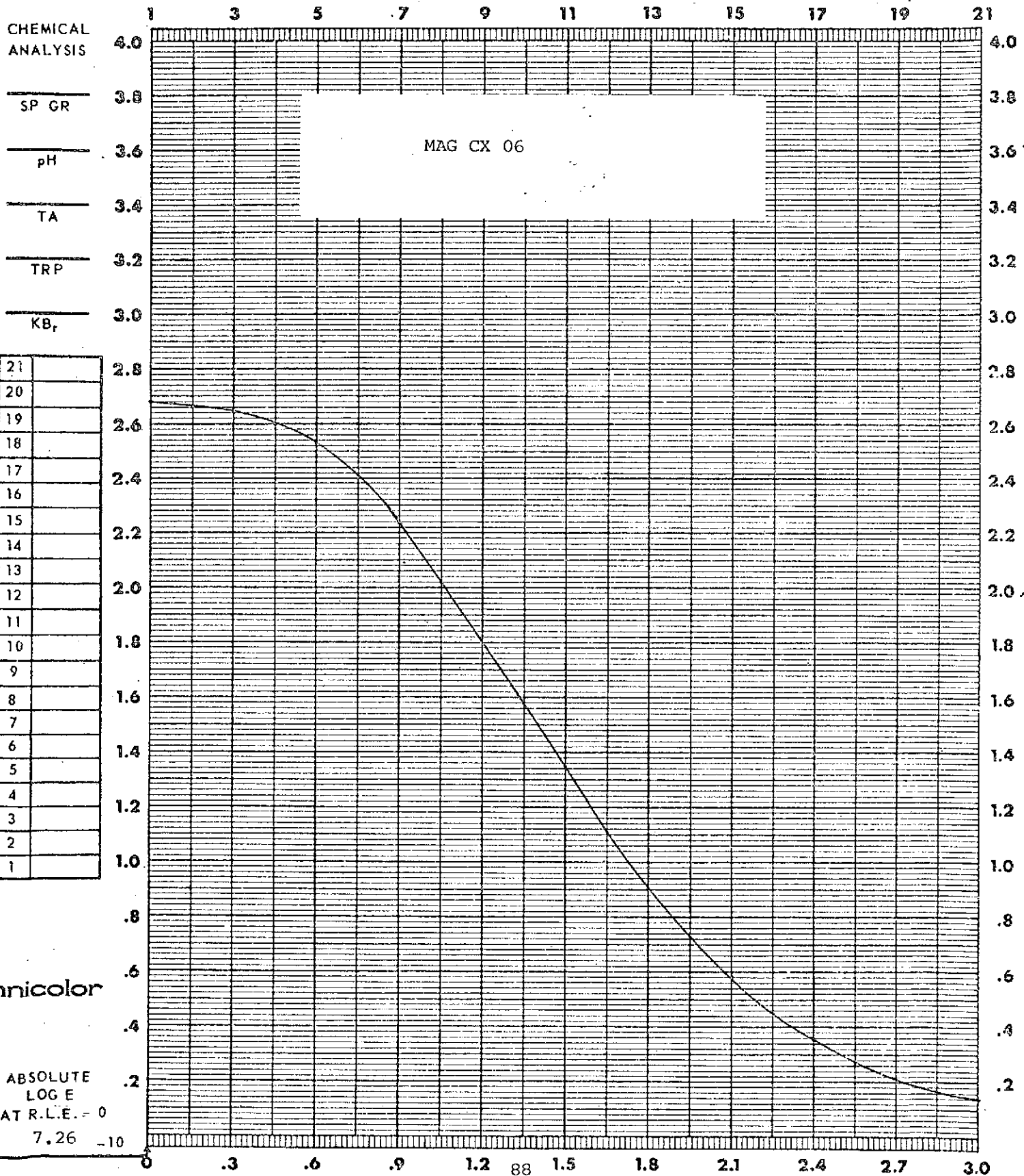
FILM SO-368 EMULSION # 18-81 MFG EXPIRATION DATE

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2A</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>4</u> TANKS FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>75</u> TIME	FILTER	<u>Status A</u>
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Pre ExposureFILM SO-368 EMULSION # 18-81 MFG EXPIRATION DATE

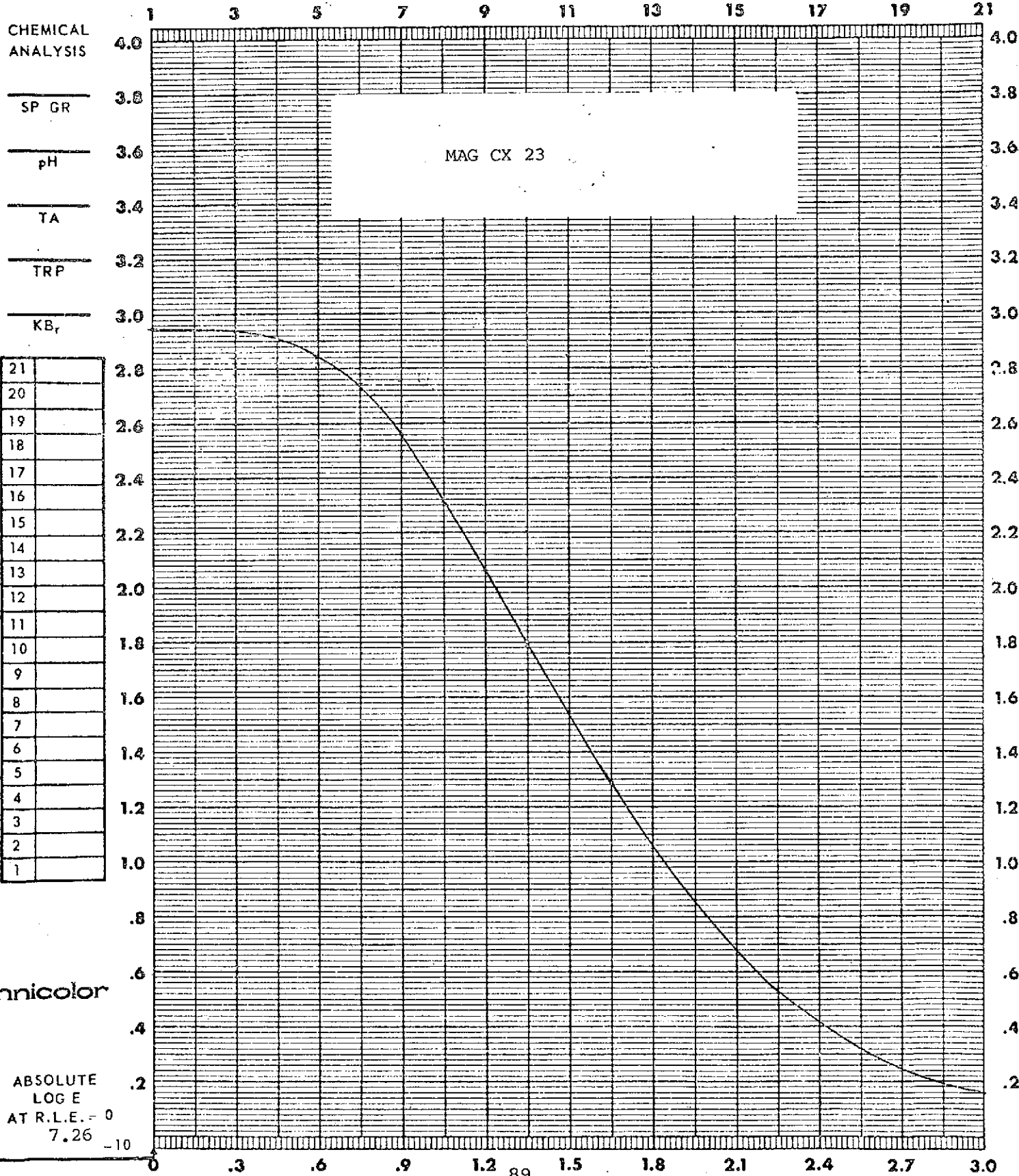
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2A</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u> </u> TANKS <u>4</u> FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>75</u> TIME <u> </u>	FILTER	<u>Visual</u>
					SPEED (<u> </u>)
					D-MAX <u> </u>
					GAMMA <u> </u>
					BASE + FOG <u> </u>



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Pre Exposure

FILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

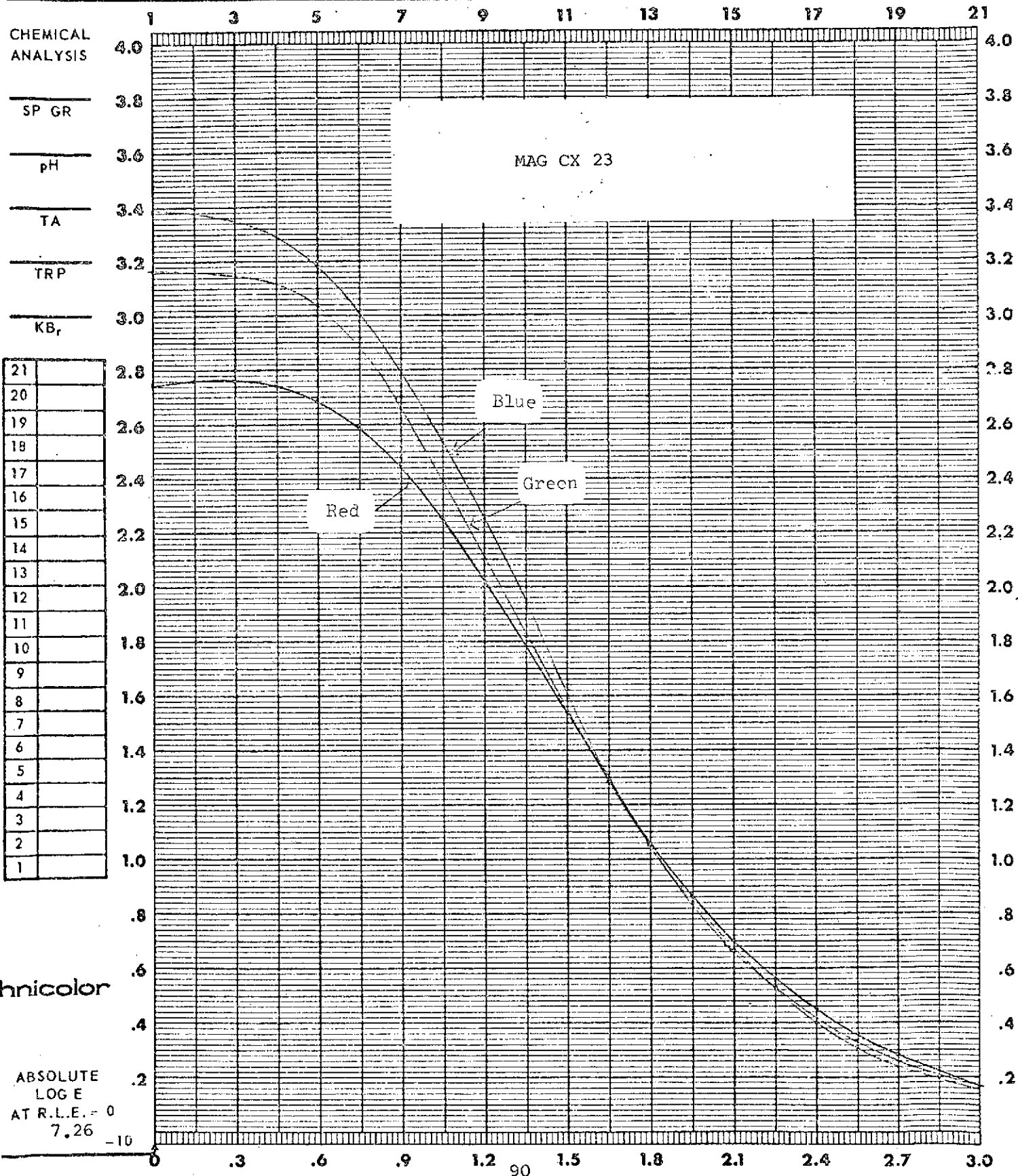
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	4 TANKS FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F	75 TIME	FILTER	Visual
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Pre Exposure

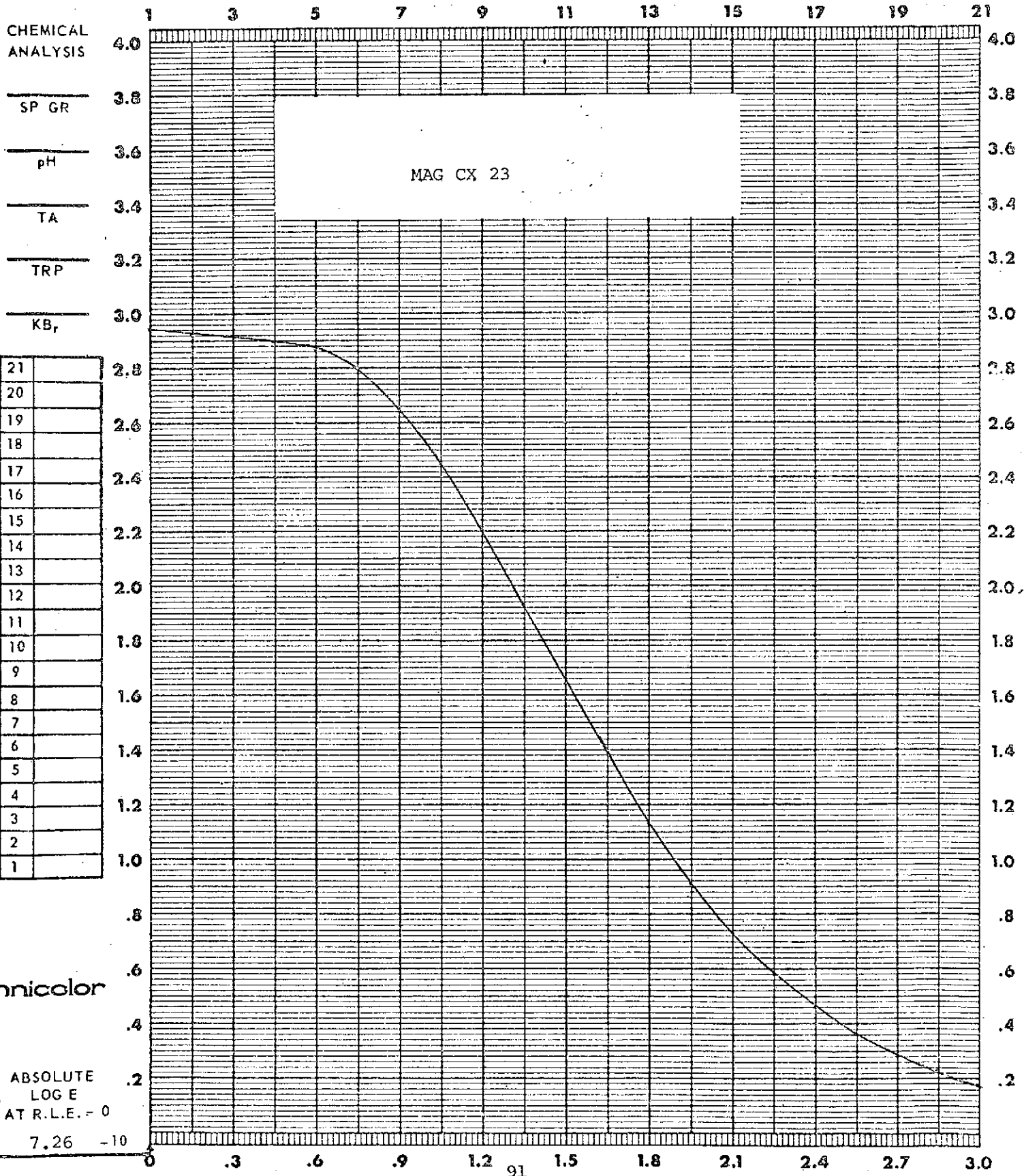
FILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	TANKS 4 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F	75 TIME	FILTER	Visual
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Post ExposureFILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

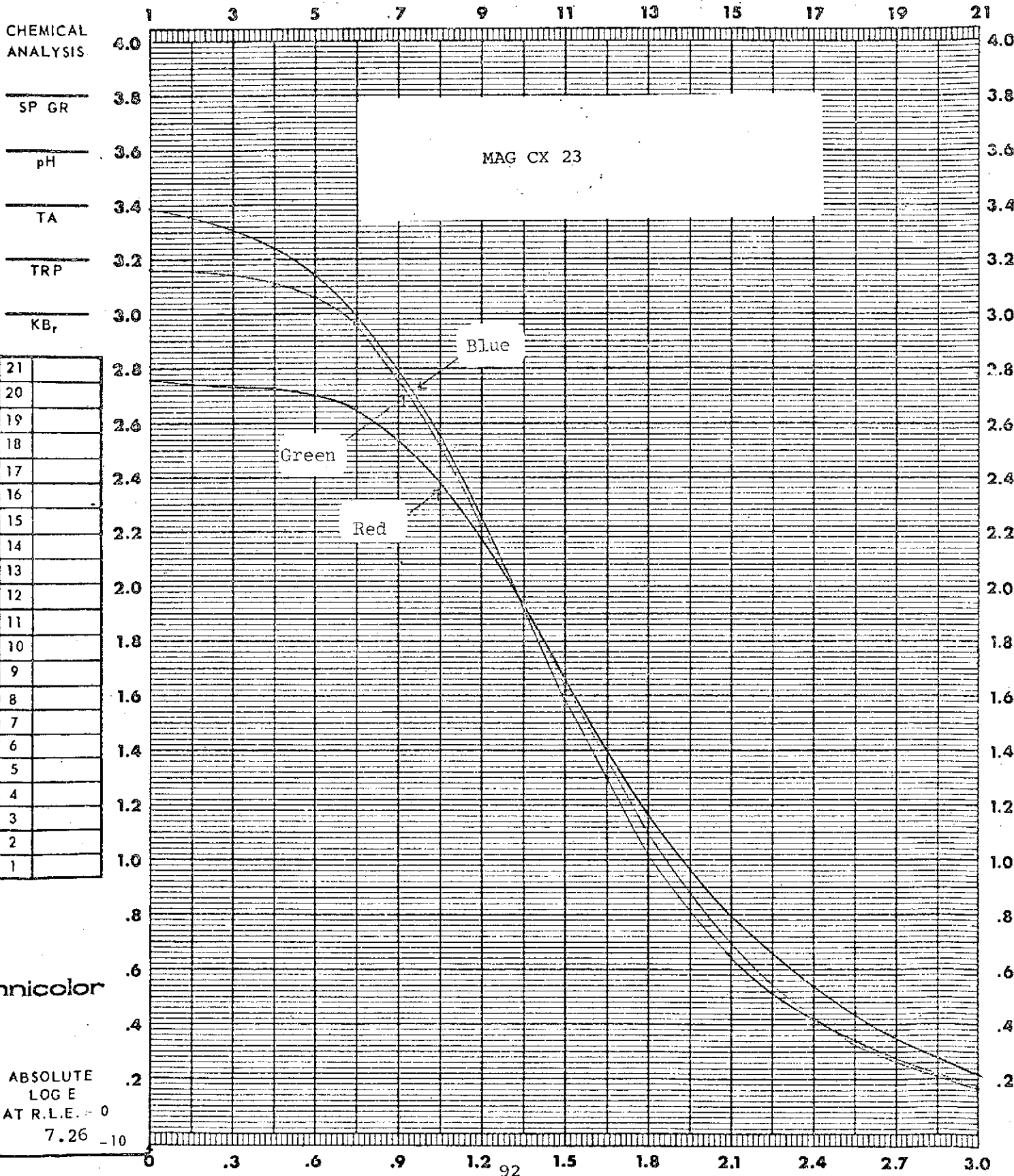
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>ME-2A</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>TANKS 4</u> FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>75</u>	TIME	
				FILTER	<u>Visual</u>
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-25-73 CONTROL # F 70mm TASK Flight Film PREPARED BY Post Exposure

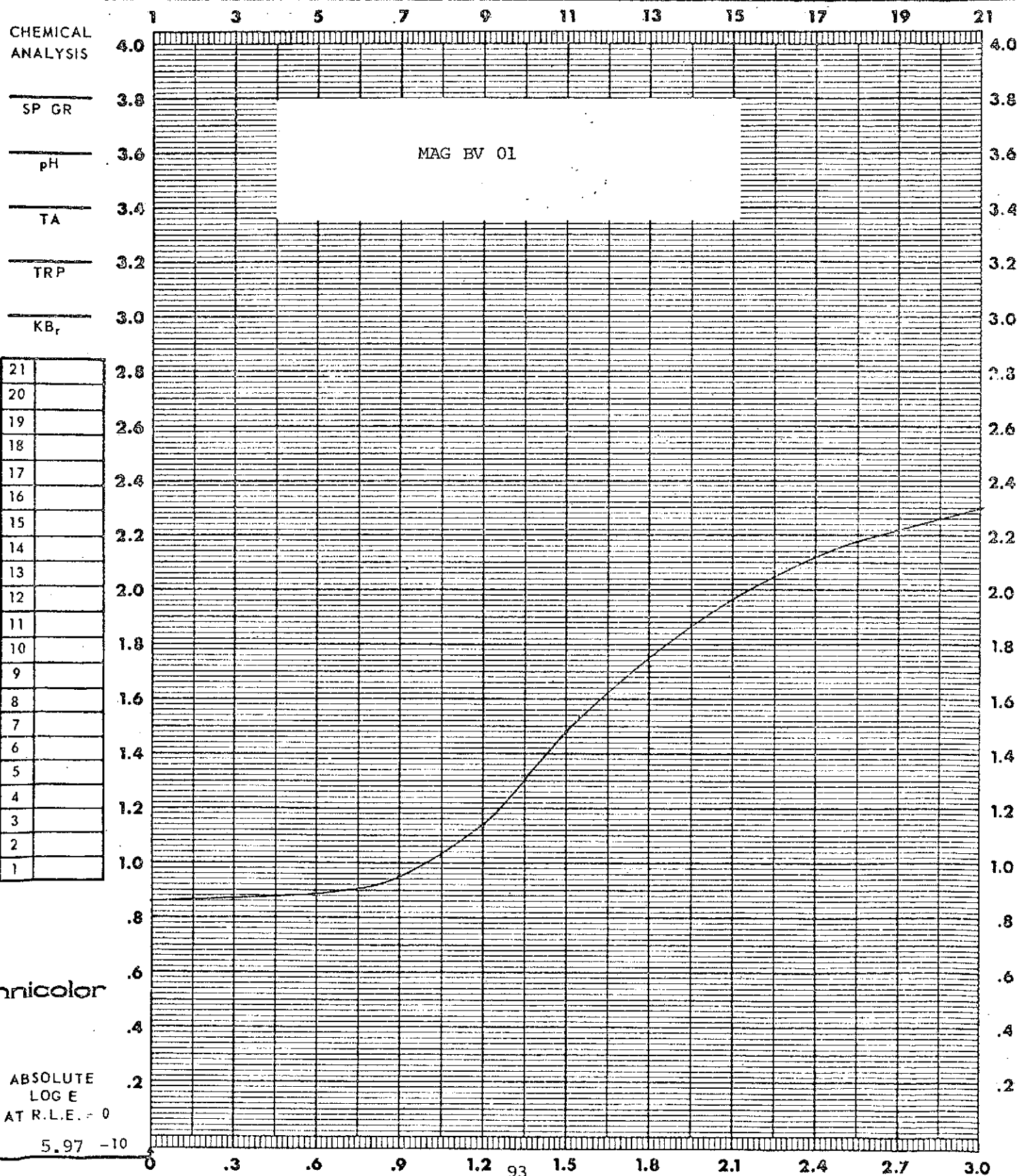
FILM SO-368 EMULSION # 18-81 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	ME-2A	TYPE	TD504
TIME	1/50 SEC.	SPEED	TANKS 4 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F 75	TIME	FILTER	Status A
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 5-27-73 CONTROL # P 16mm TASK Flight Film PREPARED BY Pre ExposureFILM 2485 EMULSION # 108-05 MFG _____ EXPIRATION DATE _____

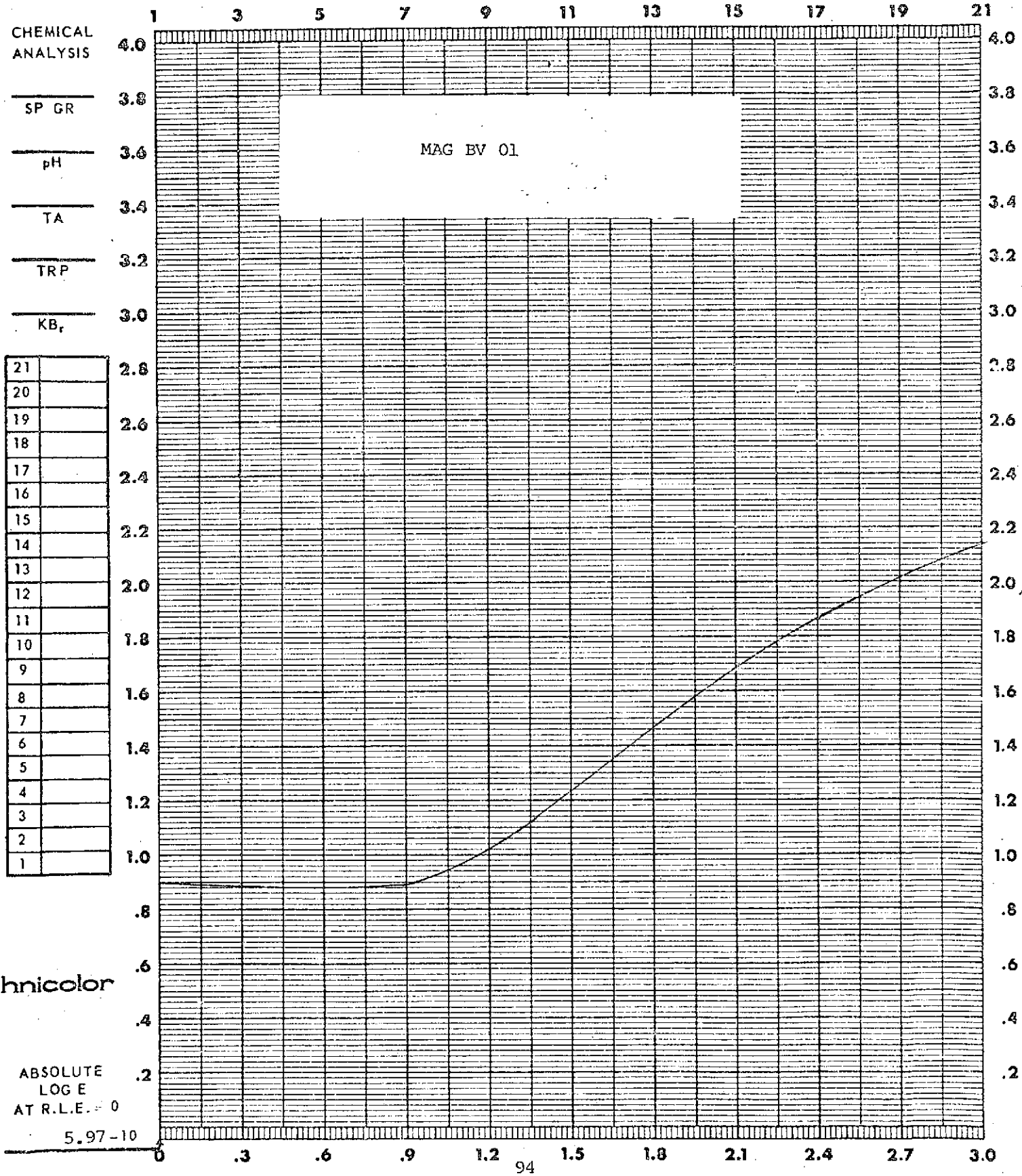
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>D-19</u>	TYPE	<u>TD504</u>
TIME	<u>1/100</u> SEC.	SPEED	<u>30</u> TANKS FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K + J. OND</u>	TEMP °F	<u>85</u> TIME	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 6-27-73 CONTROL # P 16mm TASK Flight Film PREPARED BY Post Exposure

FILM 2485 EMULSION # 108-05 MFG EXPIRATION DATE

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	D-19	TYPE	TD504
TIME	1/100 SEC.	SPEED	TANKS 30 FPM	APERTURE SIZE	3 MM
FILTER	5500°K + 1.0ND	TEMP °F	85 TIME	FILTER	Visual
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-27-73

CONTROL #

P

16mm

TASK Flight Film

PREPARED BY Pre Exposure

FILM 2485

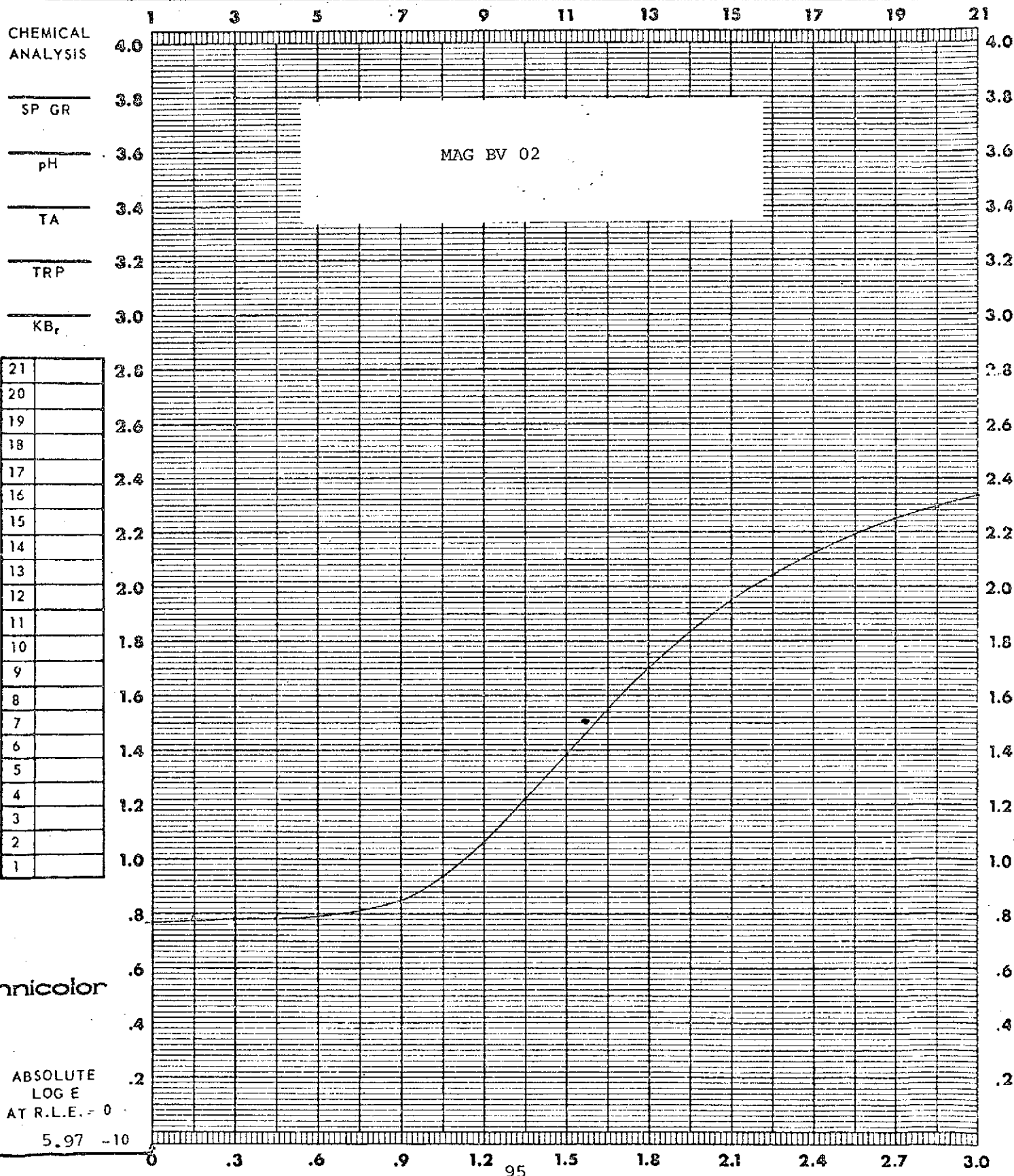
EMULSION #

108-05

MFG

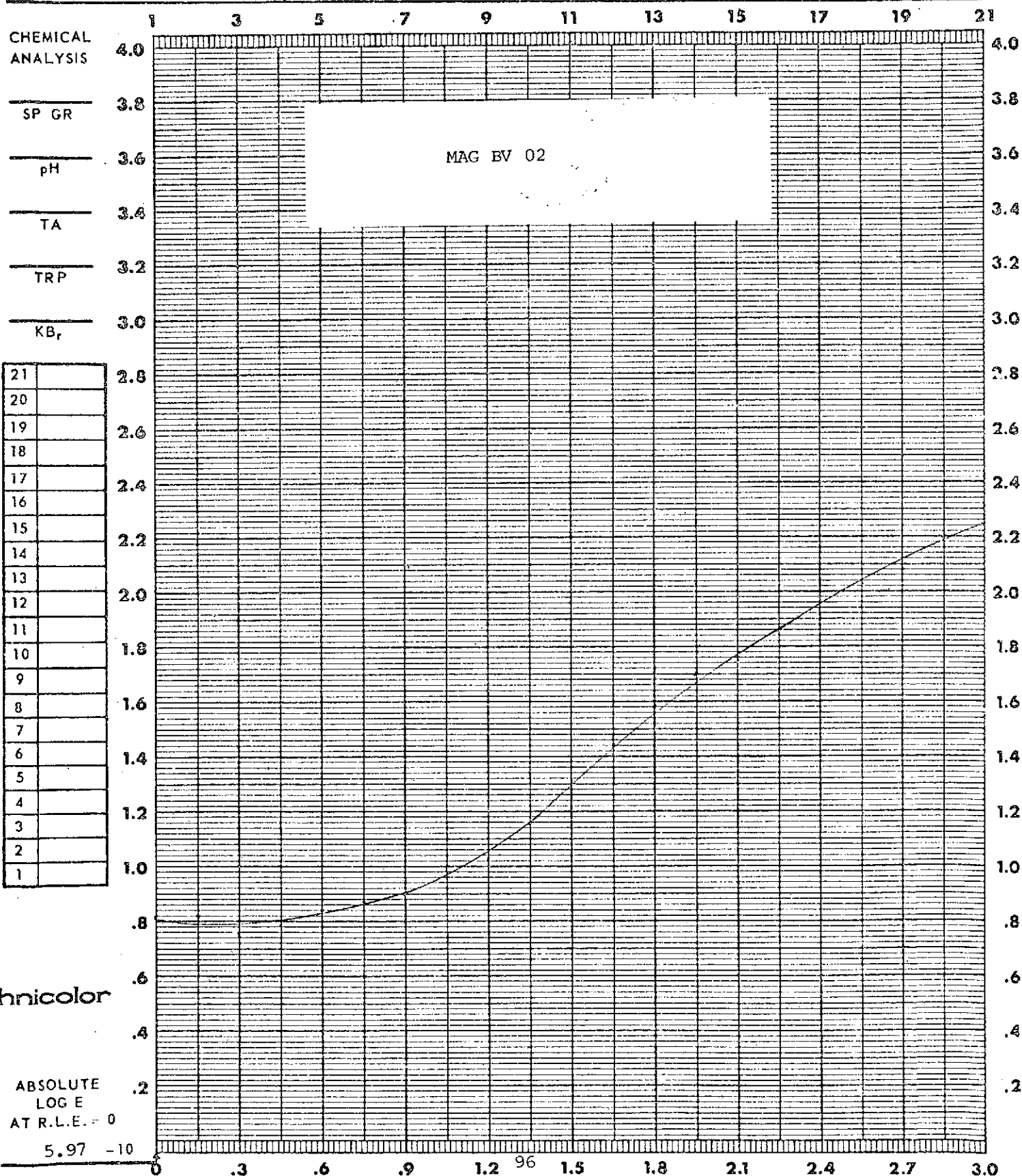
EXPIRATION DATE

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	D-19	TYPE	TD504
TIME	1/100 ^{SEC.}	SPEED	TANKS 30 FPM	APERTURE SIZE	3 MM
FILTER	5500°K + 1.0ND	TEMP °F	85 TIME	FILTER	Visual
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-27-73 CONTROL # P 16mm TASK Flight Film PREPARED BY Post ExposureFILM 2485 EMULSION # 108-05 MFG _____ EXPIRATION DATE _____

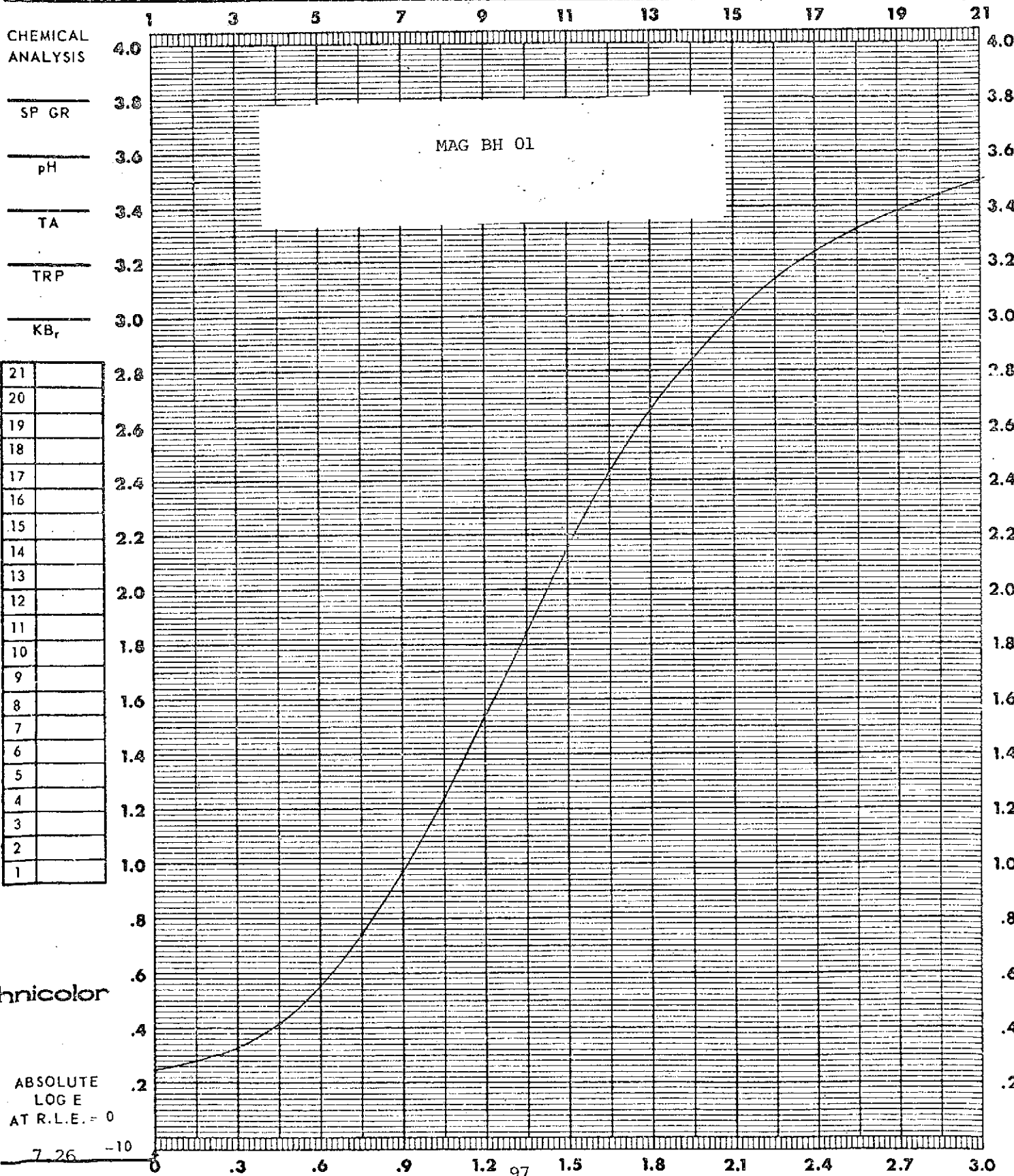
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>D-19</u>	TYPE	<u>TD504</u>
TIME	<u>1/100</u> SEC.	SPEED	<u>30</u> TANKS FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K + 1.0ND</u>	TEMP °F	<u>85</u> TIME	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 6-27-73 CONTROL # T 16mm TASK SKYLAB 2 Flight Film PREPARED BY Pre Exposure

FILM 3401 EMULSION # 384-04 MFG EXPIRATION DATE

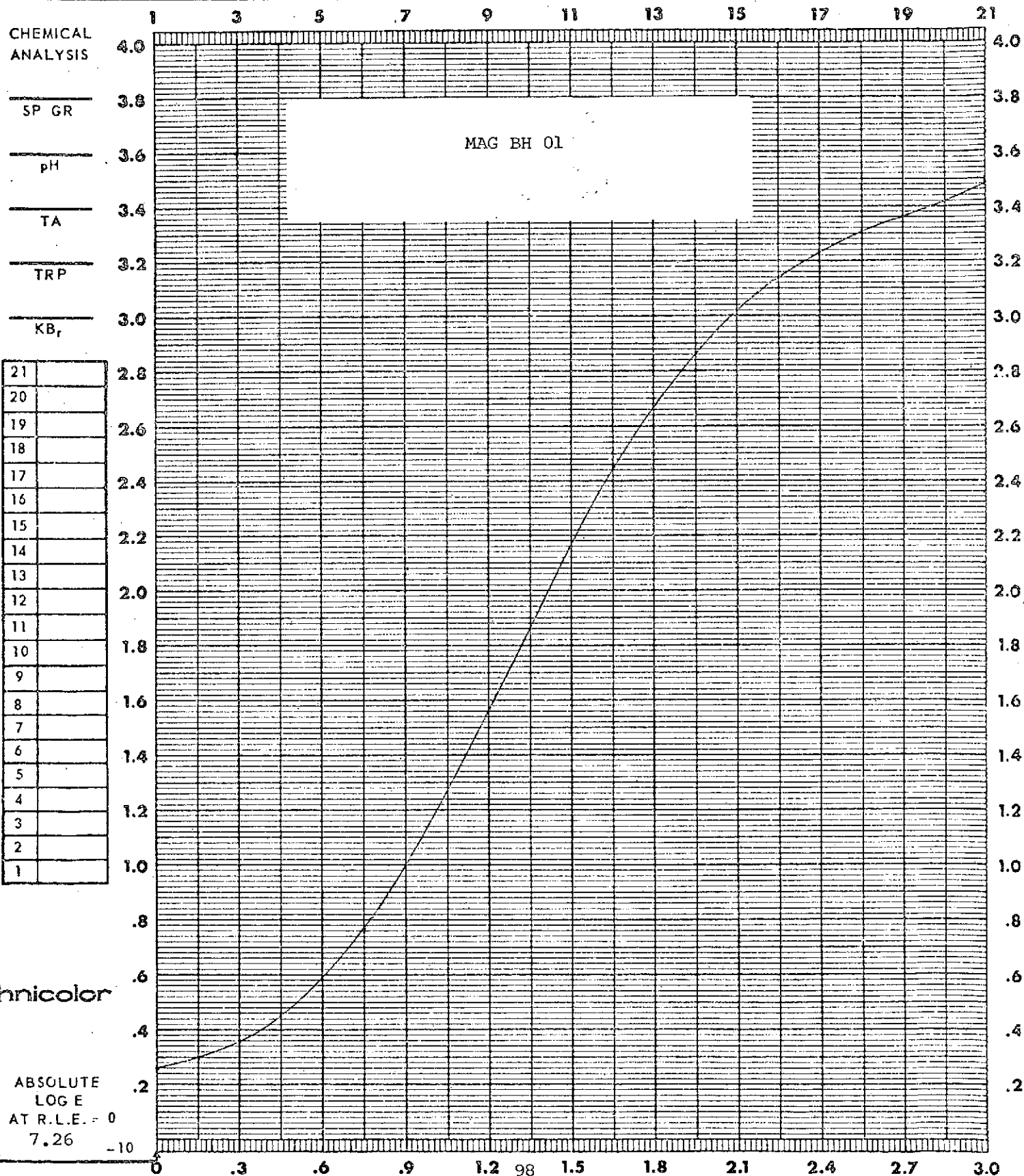
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Houston	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	D-19	TYPE	TD504
TIME	1/50 _{SEC.}	SPEED	TANKS 46 FPM	APERTURE SIZE	3 MM
FILTER	5500°K	TEMP °F	85 TIME	FILTER	Visual
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG



DATE 6-27-73 CONTROL # T 16mm TASK Flight Film SKYLAB 2 PREPARED BY Post Exposure

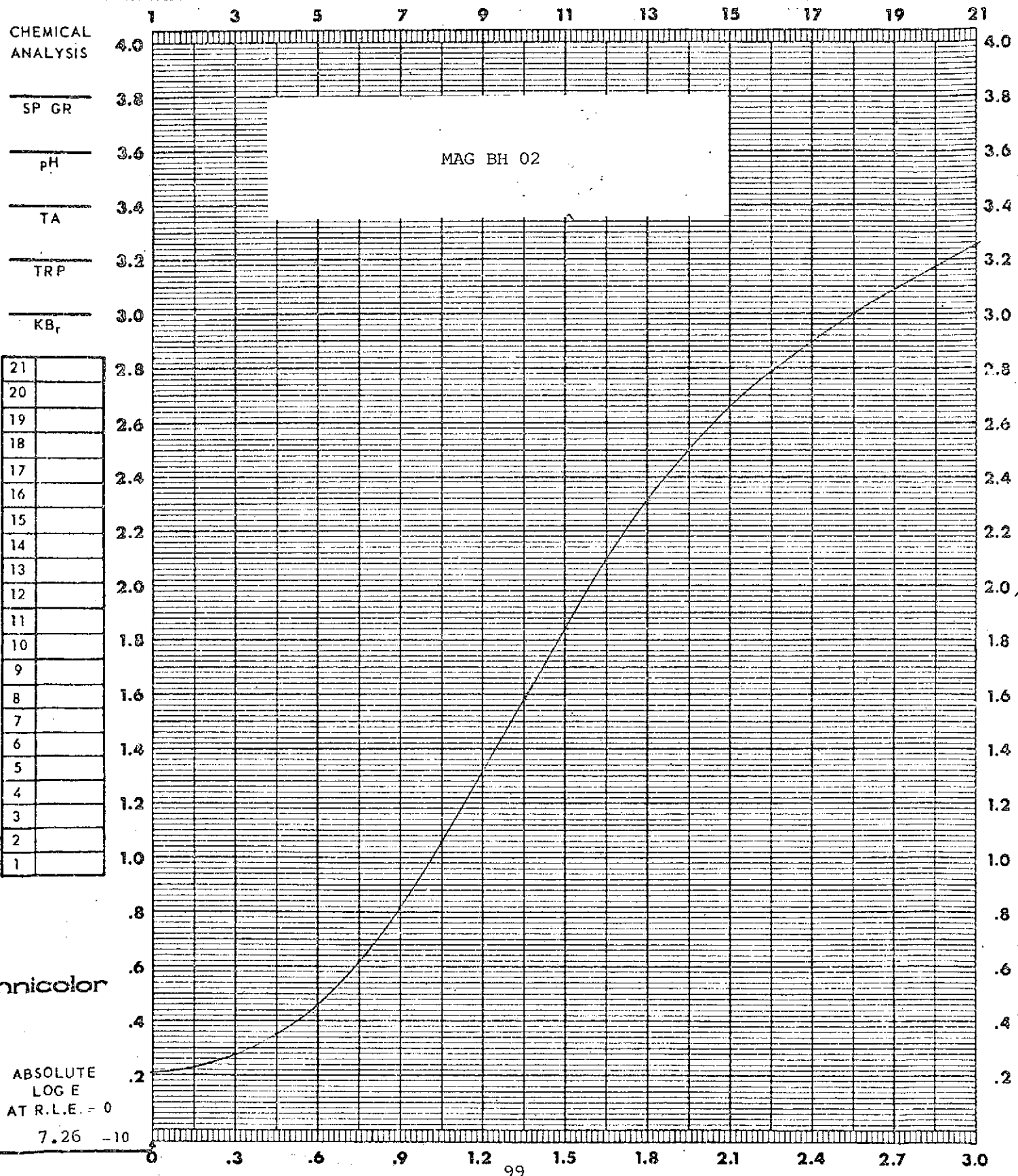
FILM 3401 EMULSION # 384-04 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Houston</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>D-19</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>46</u> TANKS FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>85</u> TIME	FILTER	<u>Visual</u>
					<u>BASE + FOG</u>



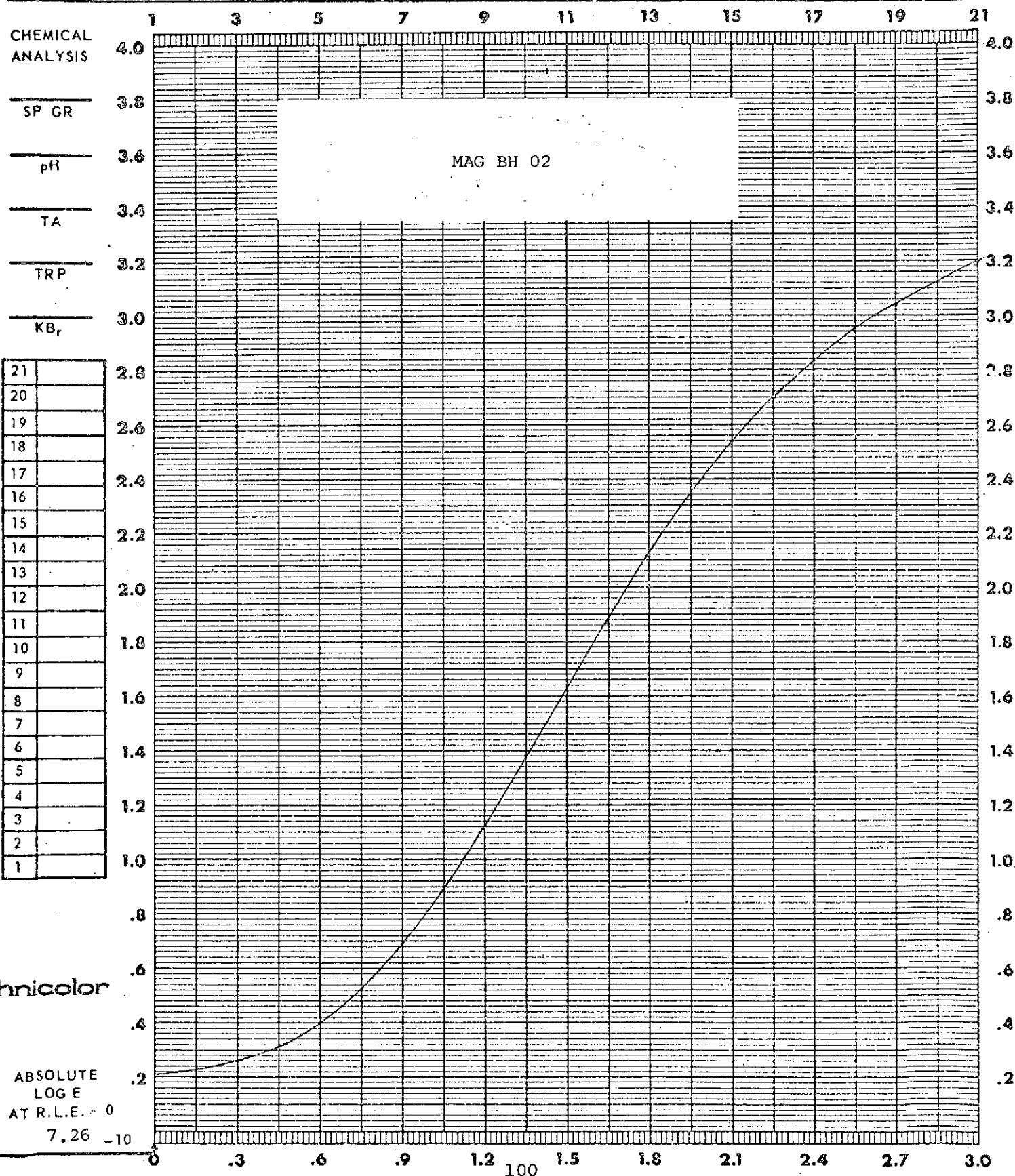
DATE 6-27-73 CONTROL # T 16mm TASK Flight Film PREPARED BY Pre ExposureFILM 3401 EMULSION # 384-04 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Houston</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>D-19</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>46</u> TANKS FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>85</u> TIME	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



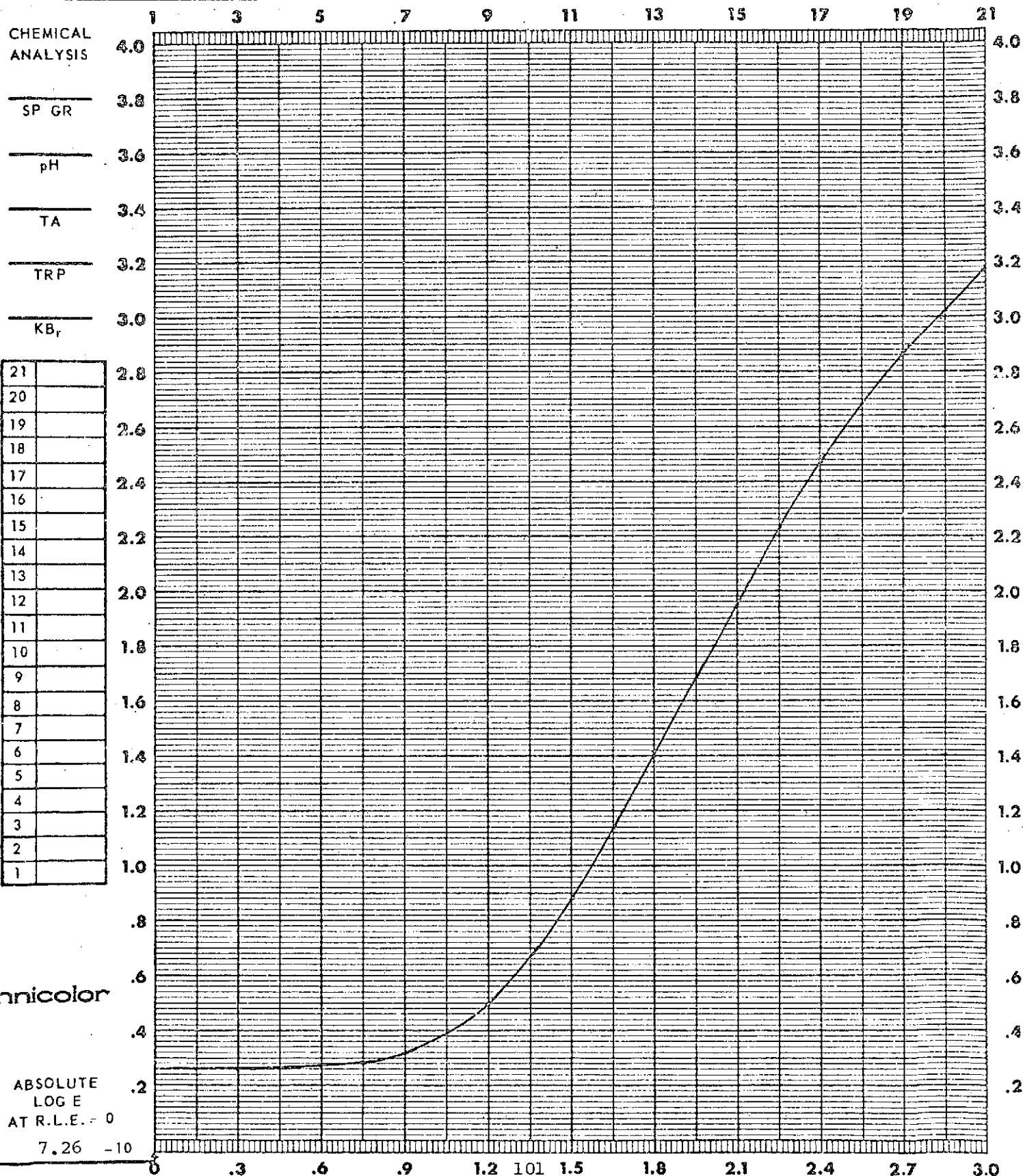
DATE 6-27-73 CONTROL # T 16mm TASK Flight Film PREPARED BY Post ExposureFILM 3401 EMULSION # 384-04 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Houston</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>D-19</u>	TYPE	<u>TD504</u>
TIME	<u>1/50sec.</u>	SPEED	<u>TANKS 46</u> FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>85</u> TIME _____	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



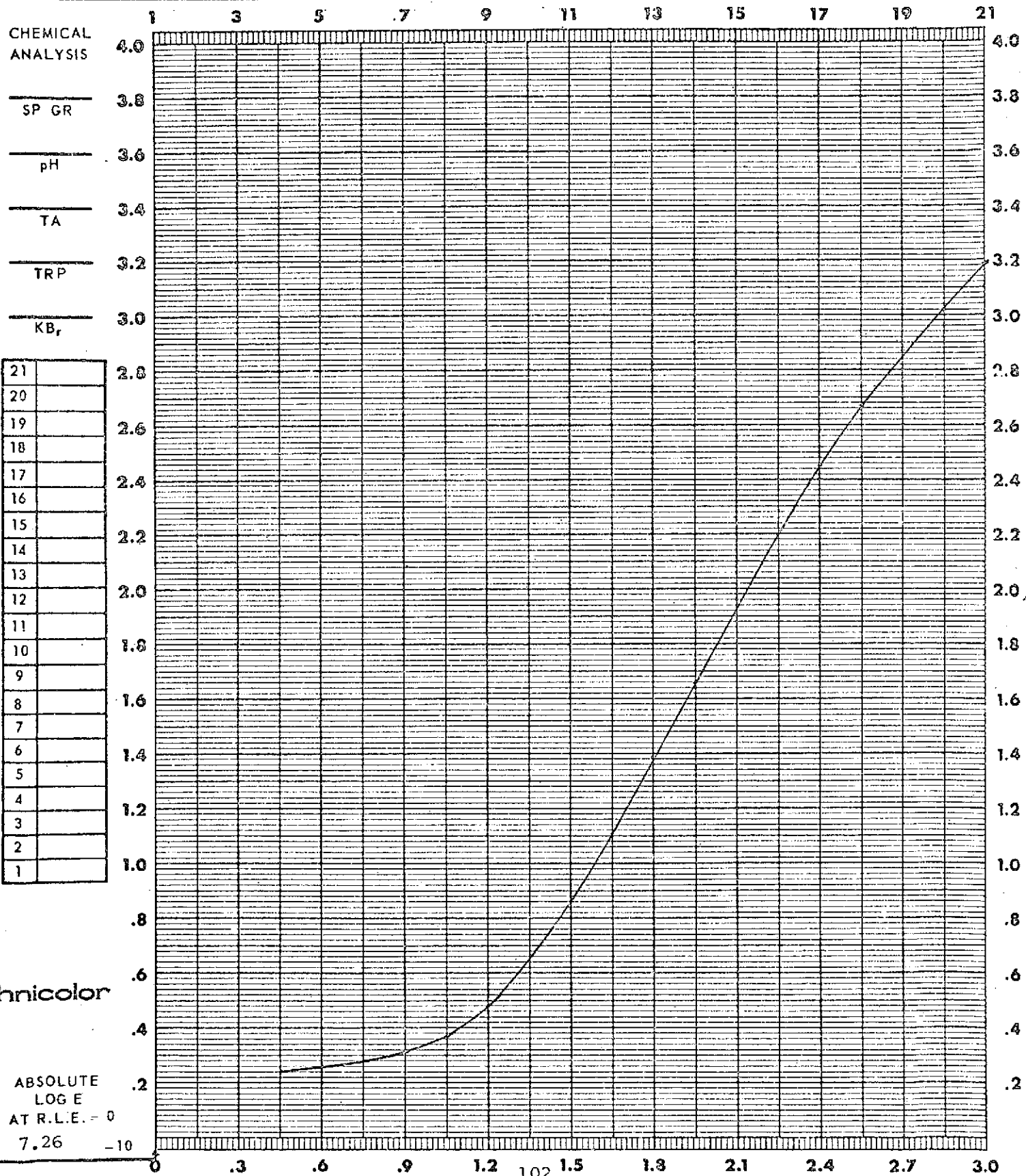
DATE 7-3-73 CONTROL # M 35mm TASK Flight Film PREPARED BY Pre ExposureFILM SO-212 EMULSION # 4-1 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>D-76</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>4</u> TANKS	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>76</u>	TIME	<u>8'50"</u>
				FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



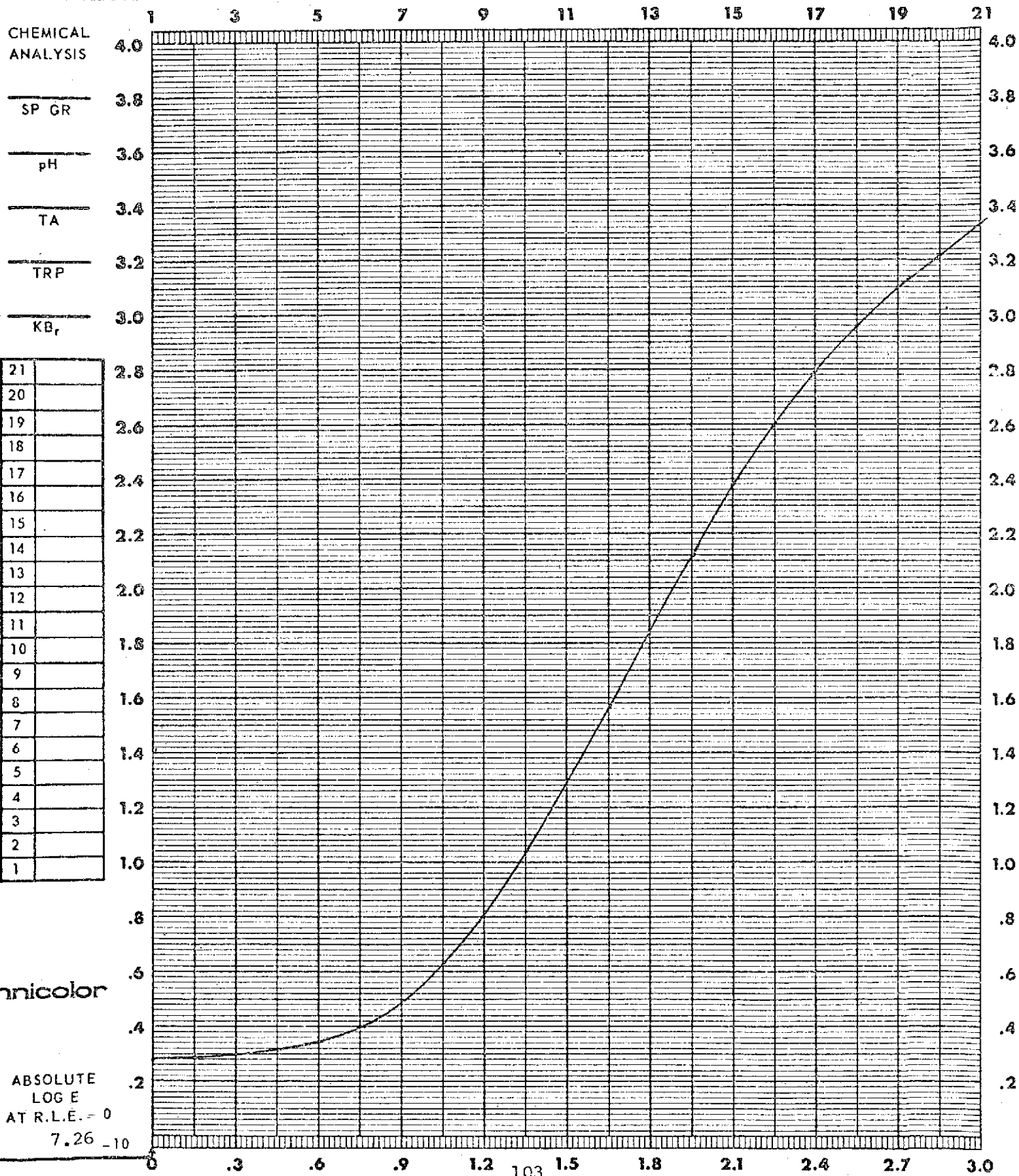
DATE 7-3-73 CONTROL # M 35mm TASK Flight Film PREPARED BY Pre ExposureFILM SO-212 EMULSION # 4-1 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>D-76</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>4</u> TANKS <u>FPM</u>	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>76</u> TIME <u>8'50"</u>	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 7-3-73 CONTROL # M 35mm TASK Flight Film PREPARED BY Post ExposureFILM SO-212 EMULSION # 4-1 MFG _____ EXPIRATION DATE _____

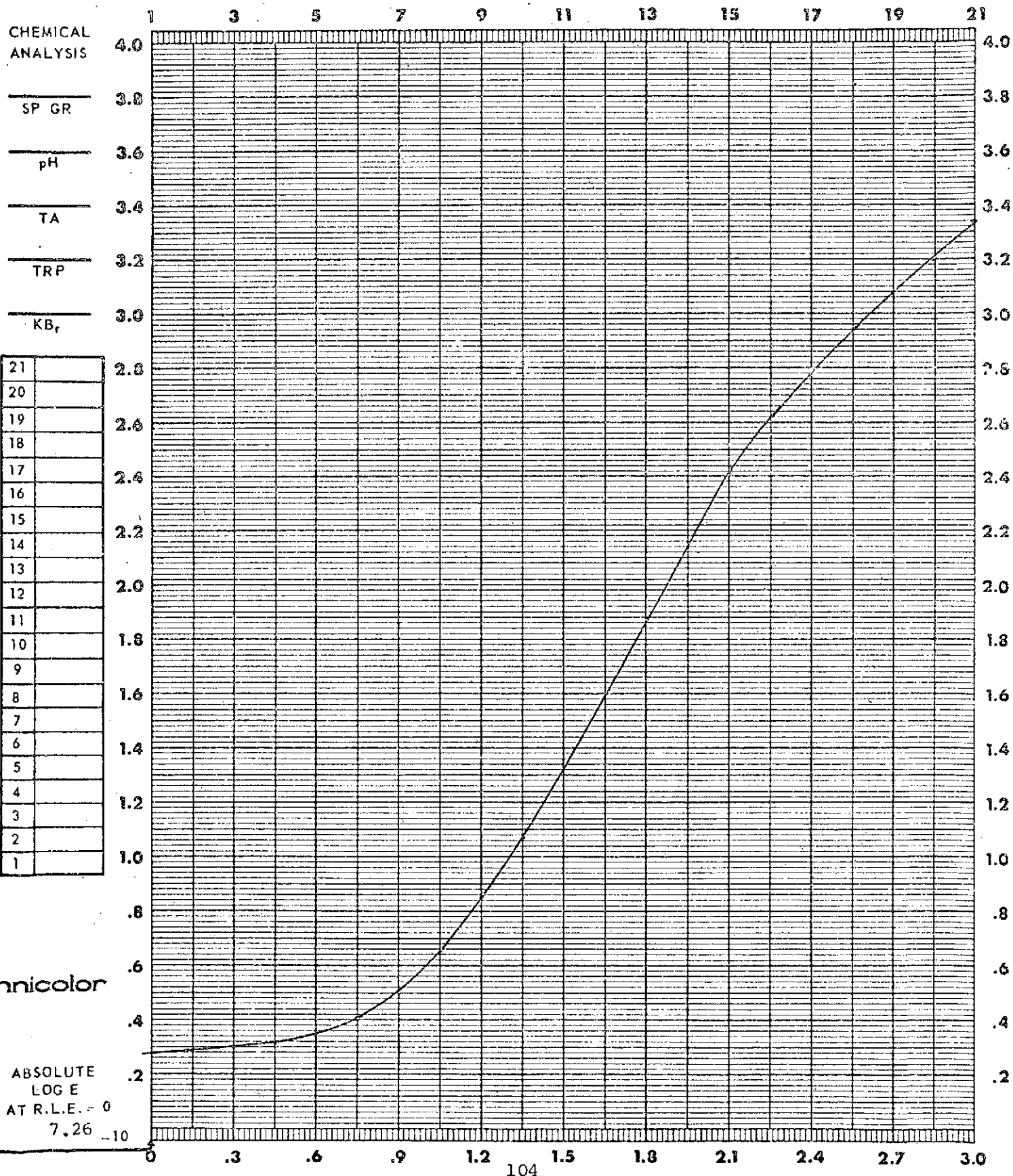
EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>D-76</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>4</u> TANKS	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>76</u>	TIME	<u>8'50"</u>
				FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 7-3-73 CONTROL # M 35mm TASK Flight Film PREPARED BY Post Exposure

FILM SO-212 EMULSION # 4-1 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>D-76</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>4</u> TANKS <u>FPM</u>	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>76</u> TIME <u>8'50"</u>	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 6-30-73

CONTROL #

V

16mm

TASK Flight Film

PREPARED BY Pre Exposure UA-

01

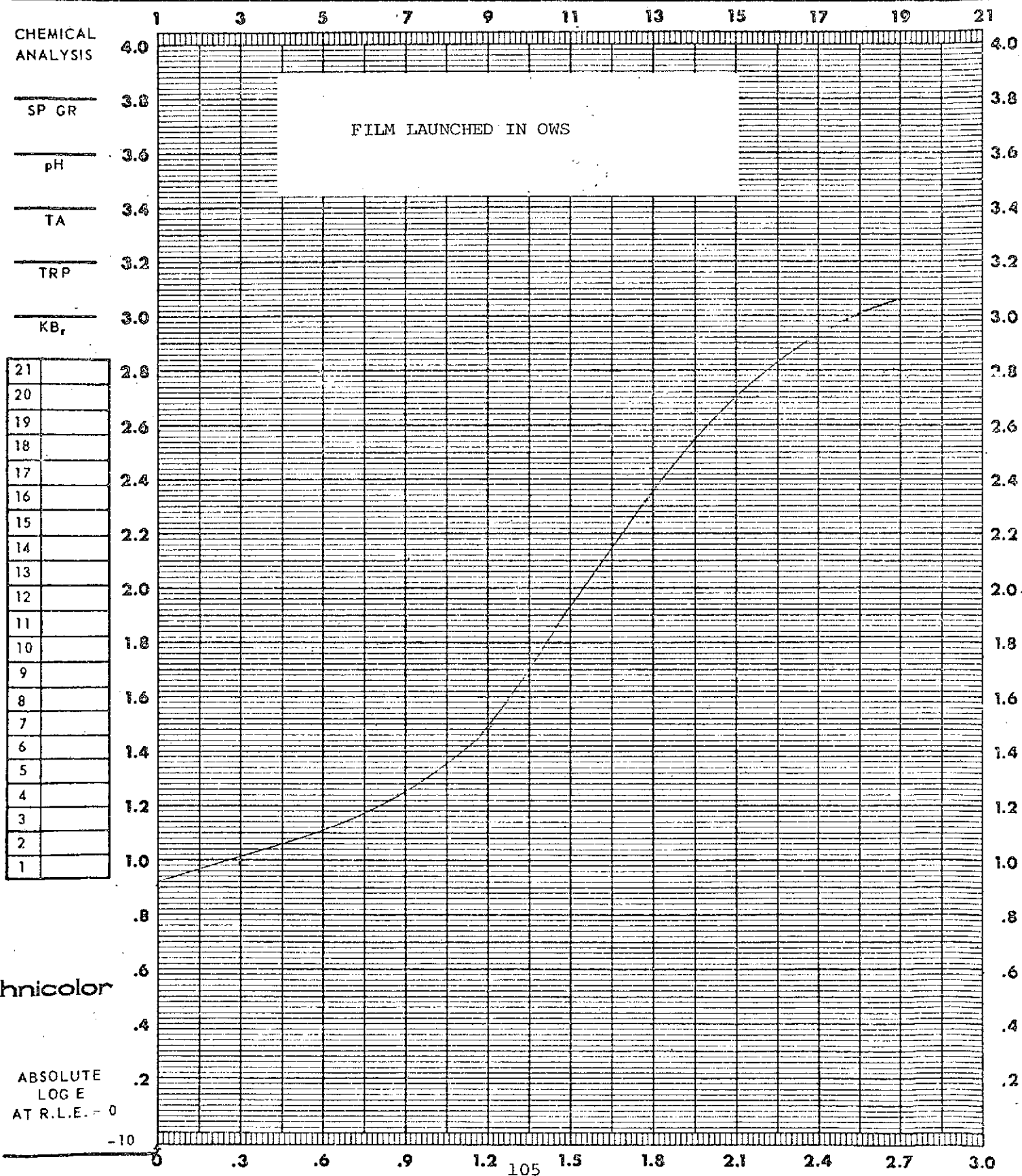
FILM 103a0

EMULSION #

MFG

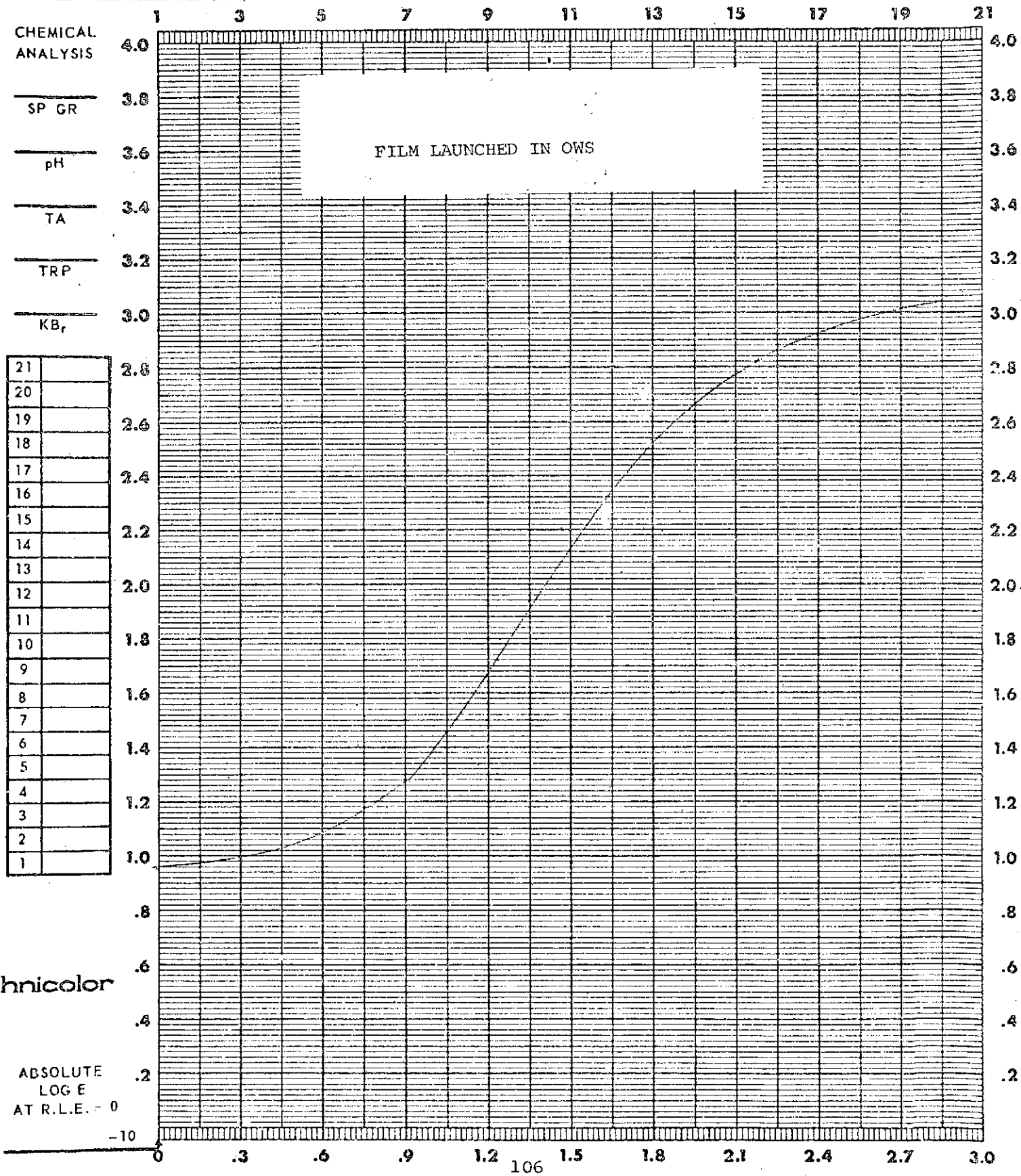
EXPIRATION DATE

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Houston 16	INSTRUMENT	MacBeth
ILLUMINANT	3000 °K	CHEMISTRY	D-19B	TYPE	TD217DR
TIME	2 psec.	SPEED	26	APERTURE SIZE	2 mm
FILTER	2650 A	TEMP °F	75	FILTER	Visual
		TANKS			
		TIME			
				SPEED ()	
				D-MAX	
				GAMMA	
				BASE + FOG	



FILM 103a0 EMULSION # _____ MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Houston 16</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>3000 °K</u>	CHEMISTRY	<u>D-19B</u>	TYPE	<u>TD217DR</u>
TIME	<u>2</u> SEC.	SPEED	<u>26</u> TANKS FPM	APERTURE SIZE	<u>2</u> MM
FILTER	<u>2650 Å</u>	TEMP °F	<u>75</u> TIME	FILTER	<u>Visual</u>
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG

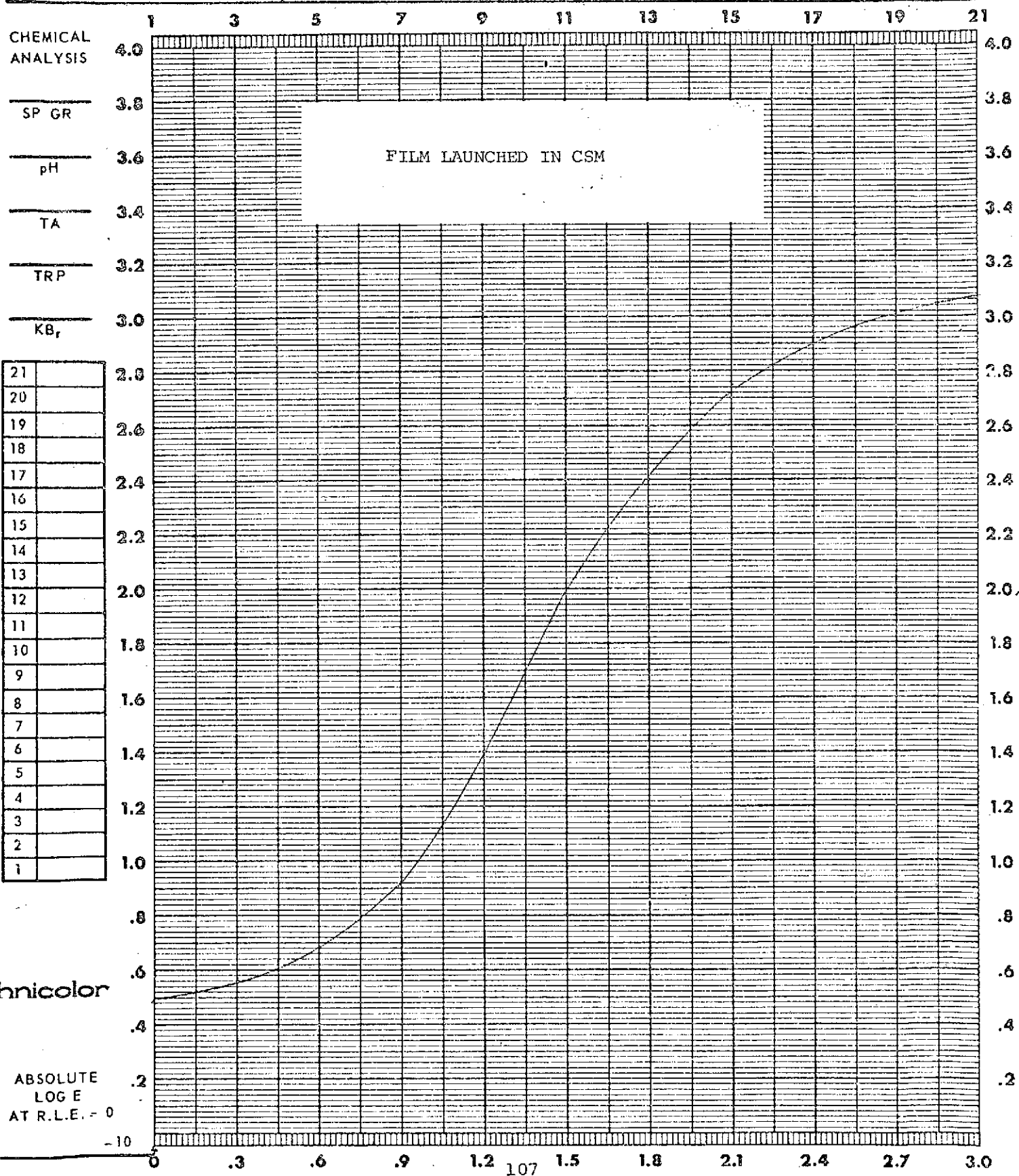


DATE 6-30-73 CONTROL # V 16mm TASK Flight Film PREPARED BY Post Exposure UA

03

FILM 103a0 EMULSION # _____ MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Houston 16	INSTRUMENT	MacBeth
ILLUMINANT	3000 °K	CHEMISTRY	D-19B	TYPE	TD217DR
TIME	2 SEC.	SPEED	TANKS 26 FPM	APERTURE SIZE	2 MM
FILTER	2650 A	TEMP °F	75 TIME	FILTER	Visual
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG 0.47



SECTION IV

SO-212 FILM HOUSTON CONTROL

DATE 7-3-73 CONTROL # M 35mm TASK Houston Control PREPARED BY PreFILM SO-212 EMULSION # _____ MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>D-76</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>4</u> TANKS FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>76</u>	TIME	<u>8'50"</u>
				FILTER	<u>Visual</u>
					SPEED ()
					D-MAX
					GAMMA
					BASE + FOG

CHEMICAL
ANALYSIS

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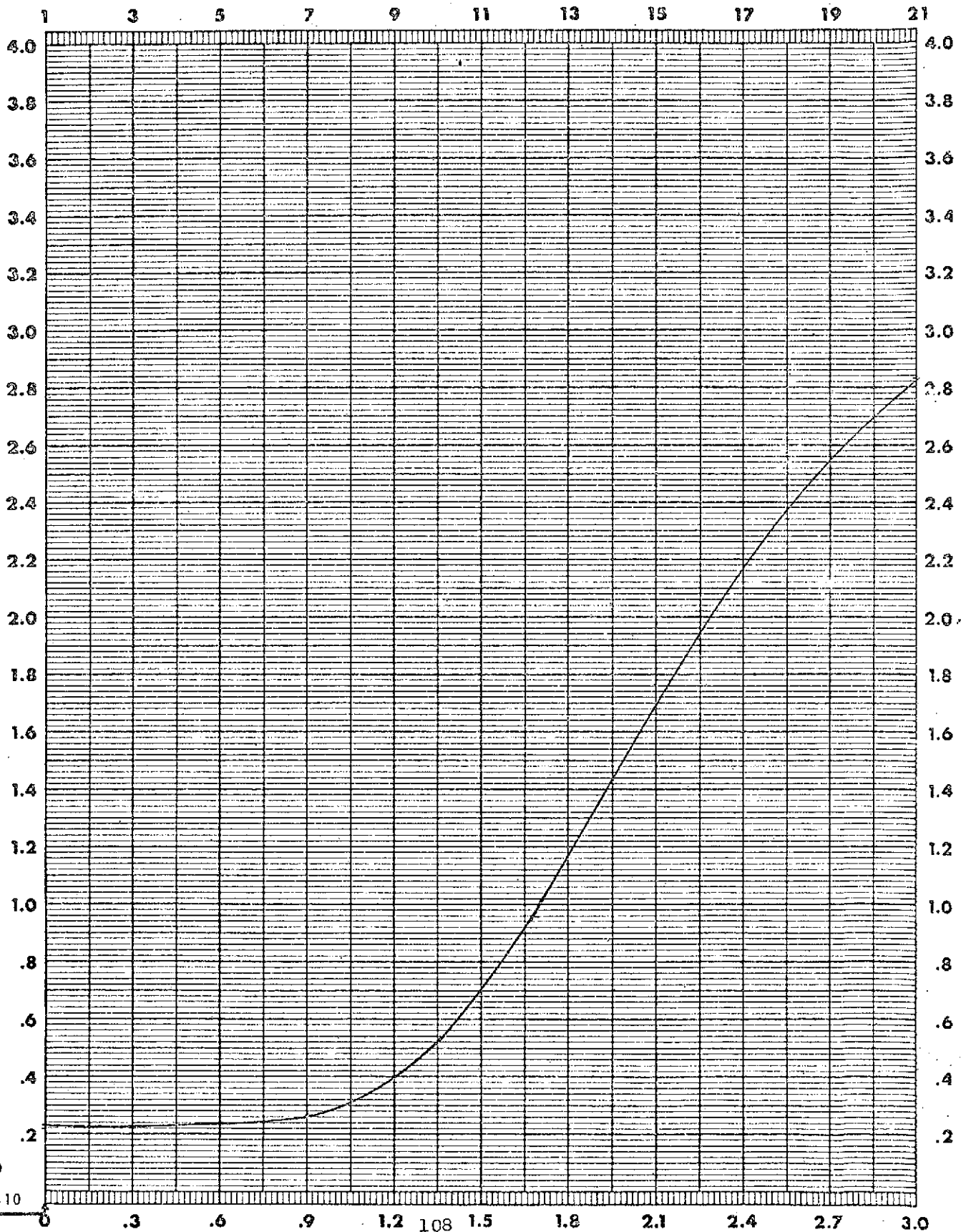
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Technicolor

ABSOLUTE
LOG E
AT R.L.E. = 0

7.26 -10



DATE 7-3-73 CONTROL # M 35mm TASK Houston Control PREPARED BY PostFILM 50-212 EMULSION # _____ MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850 °K</u>	CHEMISTRY	<u>D-76</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>4</u>	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TEMP °F	<u>76</u>	FILTER	<u>Visual</u>
		TANKS	<u>4</u>		
		TIME	<u>8'50"</u>		
				SPEED ()	
				D-MAX	
				GAMMA	
				BASE + FOG	

CHEMICAL
ANALYSIS

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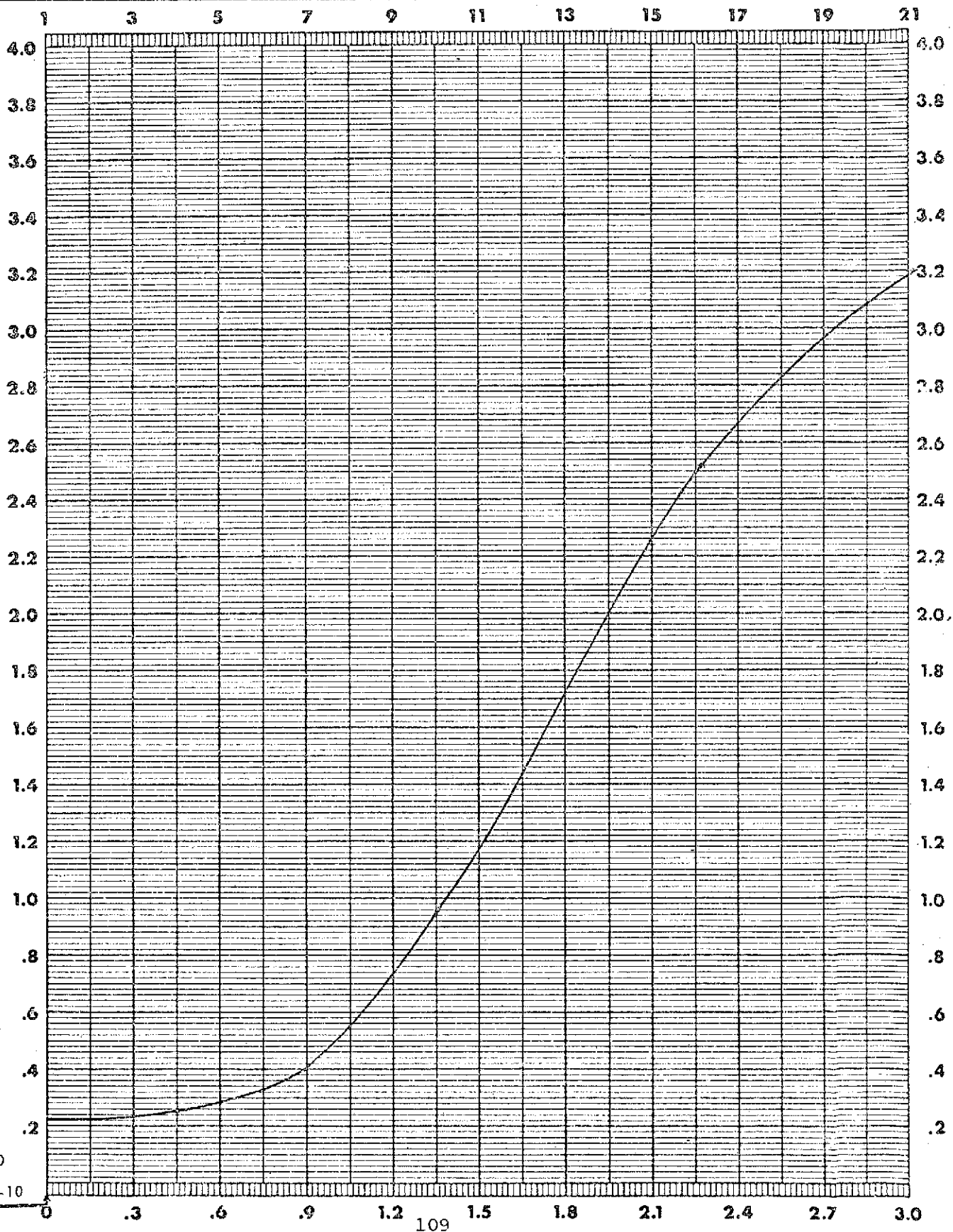
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Technicolor

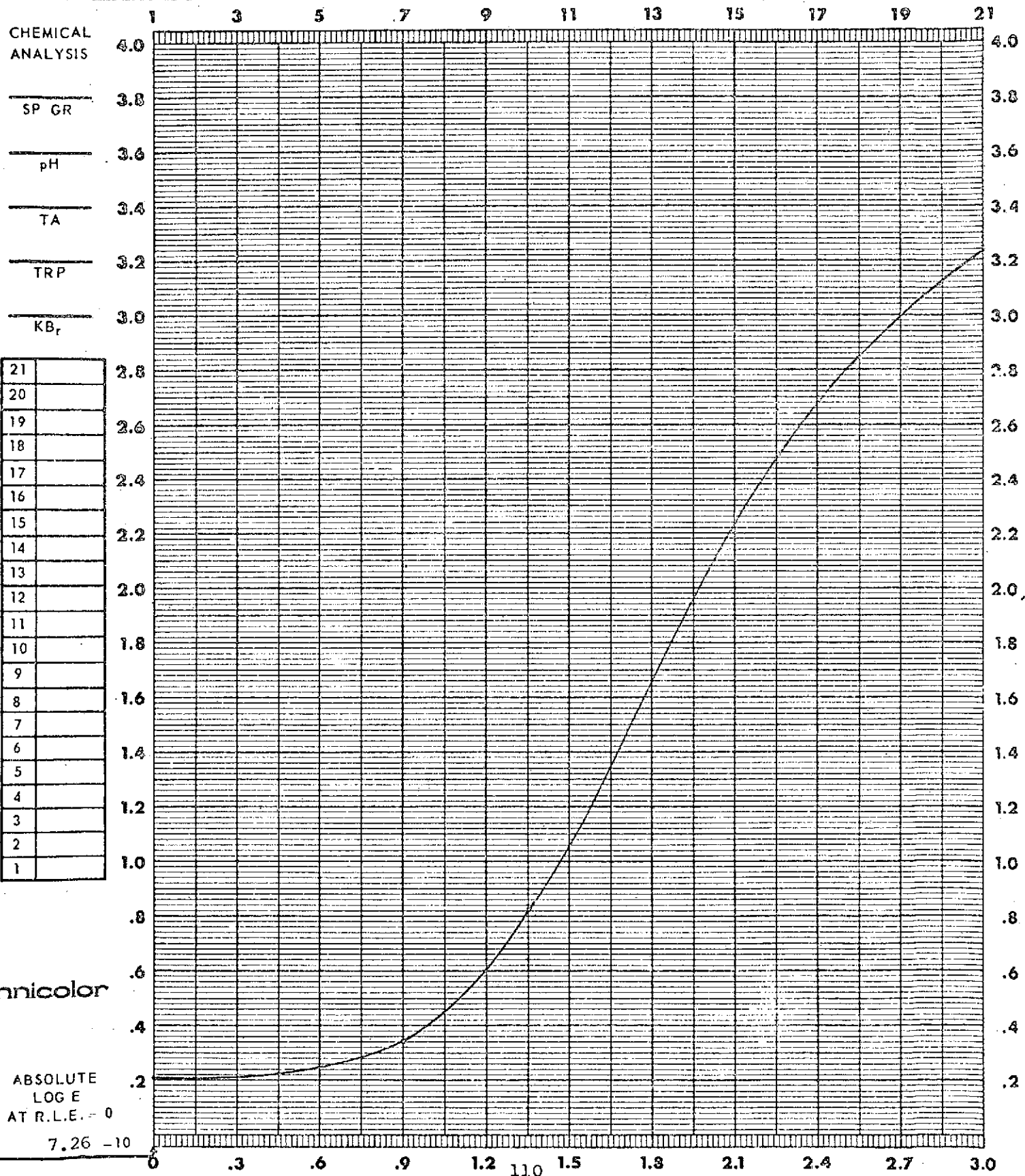
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SECTION V

SO-212 FILM HEAD AND TAIL CONTROL

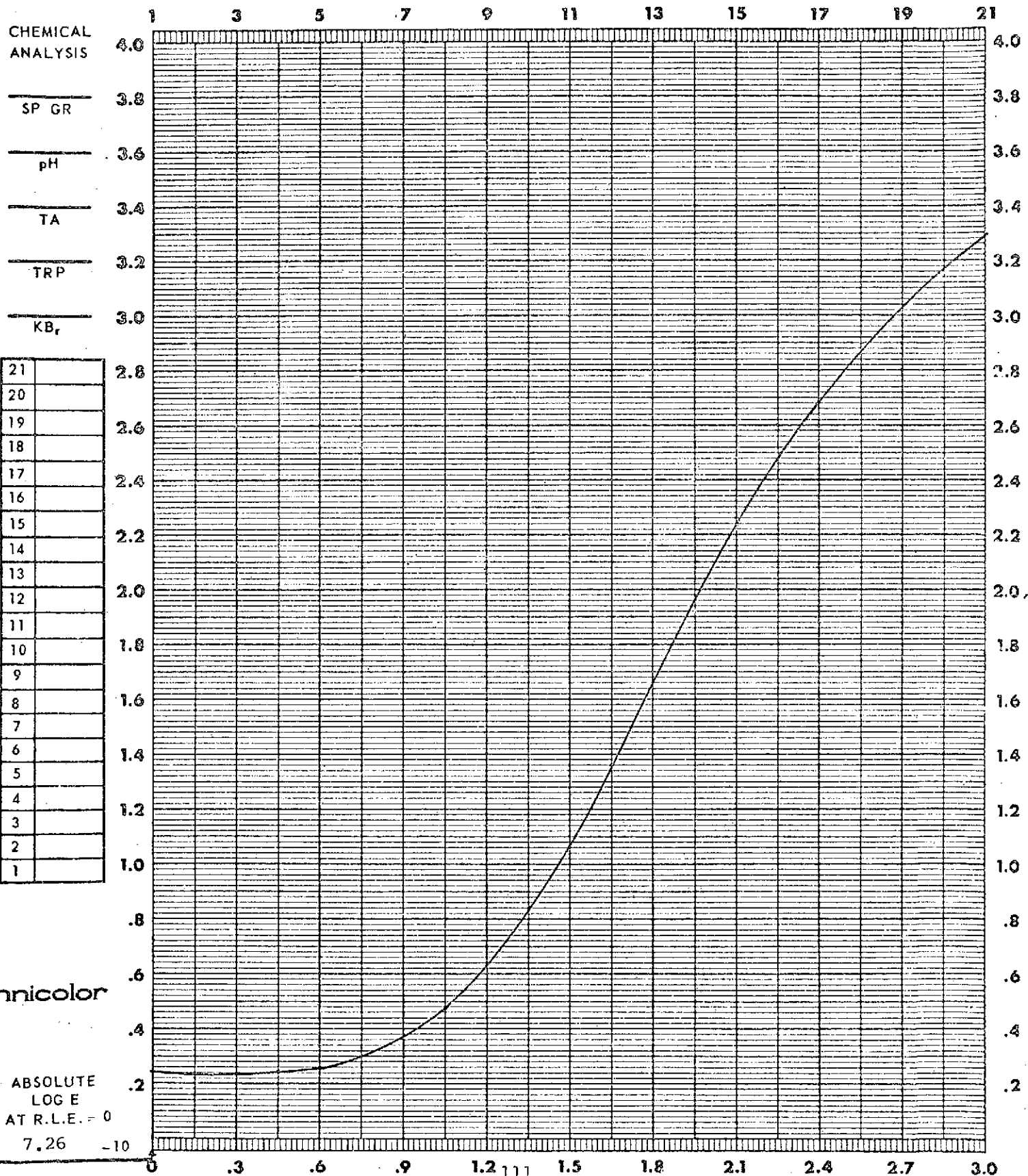
DATE 7-3-73 CONTROL # M 35mm TASK Head Control PREPARED BY _____FILM SO-212 EMULSION # _____ MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	I-B	PROCESSOR	Hi-Speed	INSTRUMENT	MacBeth
ILLUMINANT	2850 °K	CHEMISTRY	D-76	TYPE	TD504
TIME	1/50 SEC.	SPEED	TANKS 4 FPM	APERTURE SIZE	3 MM
FILTER	500°K	TEMP °F	76 TIME 8'50"	FILTER	Visual
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 7-3-73 CONTROL # M 35mm TASK Tail Control PREPARED BY _____FILM SO-212 EMULSION # _____ MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>2850</u> °K	CHEMISTRY	<u>D-76</u>	TYPE	<u>TD504</u>
TIME	<u>1/50</u> SEC.	SPEED	<u>76</u>	APERTURE SIZE	<u>3</u> MM
FILTER	<u>5500°K</u>	TANKS	<u>4</u>	FILTER	<u>Visual</u>
		TEMP °F	<u>81.50</u>		
		TIME	<u>8:50"</u>		

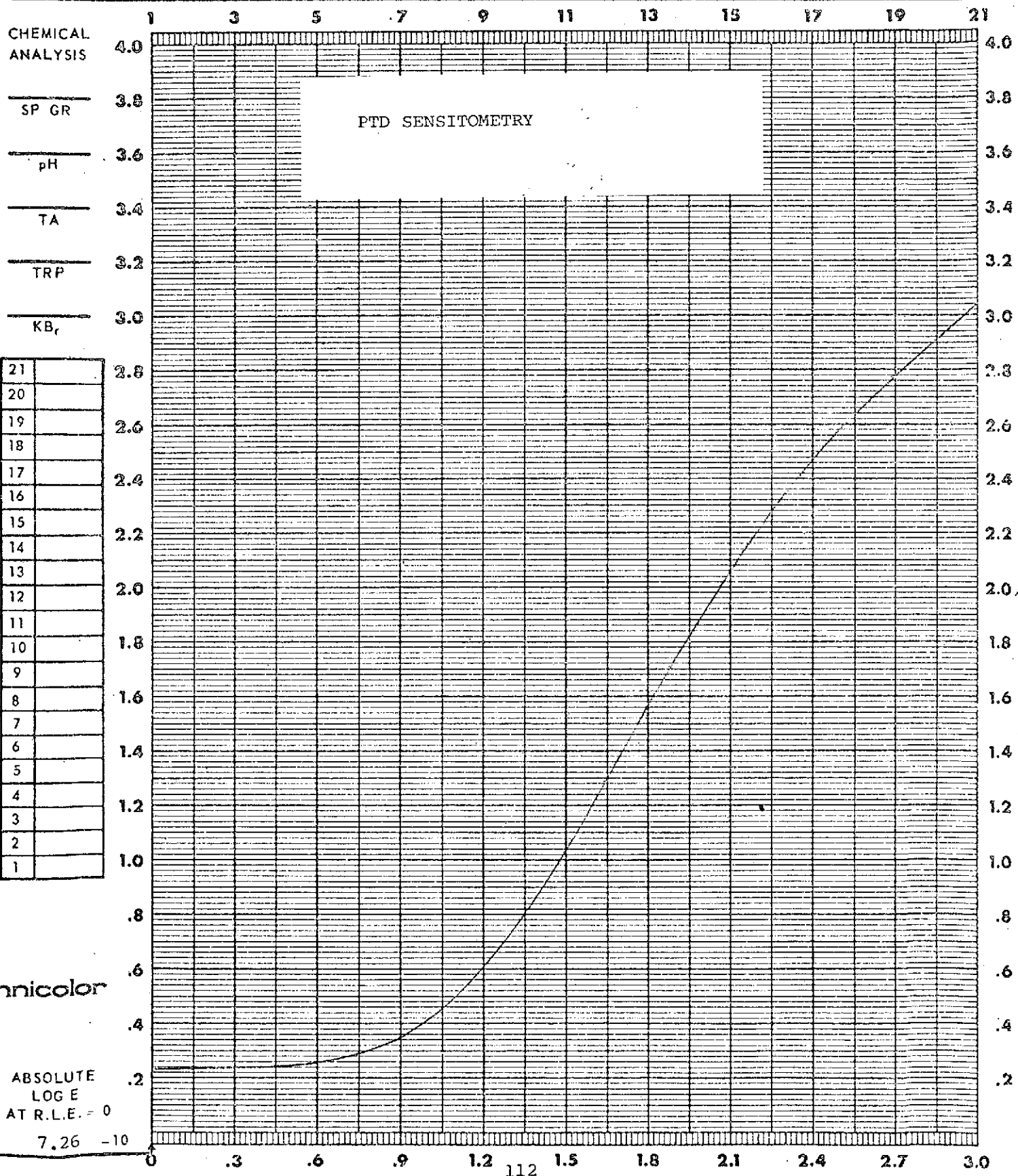


SECTION VI

X-RAY SENSITOMETRY TEST-EXPERIMENT S-056

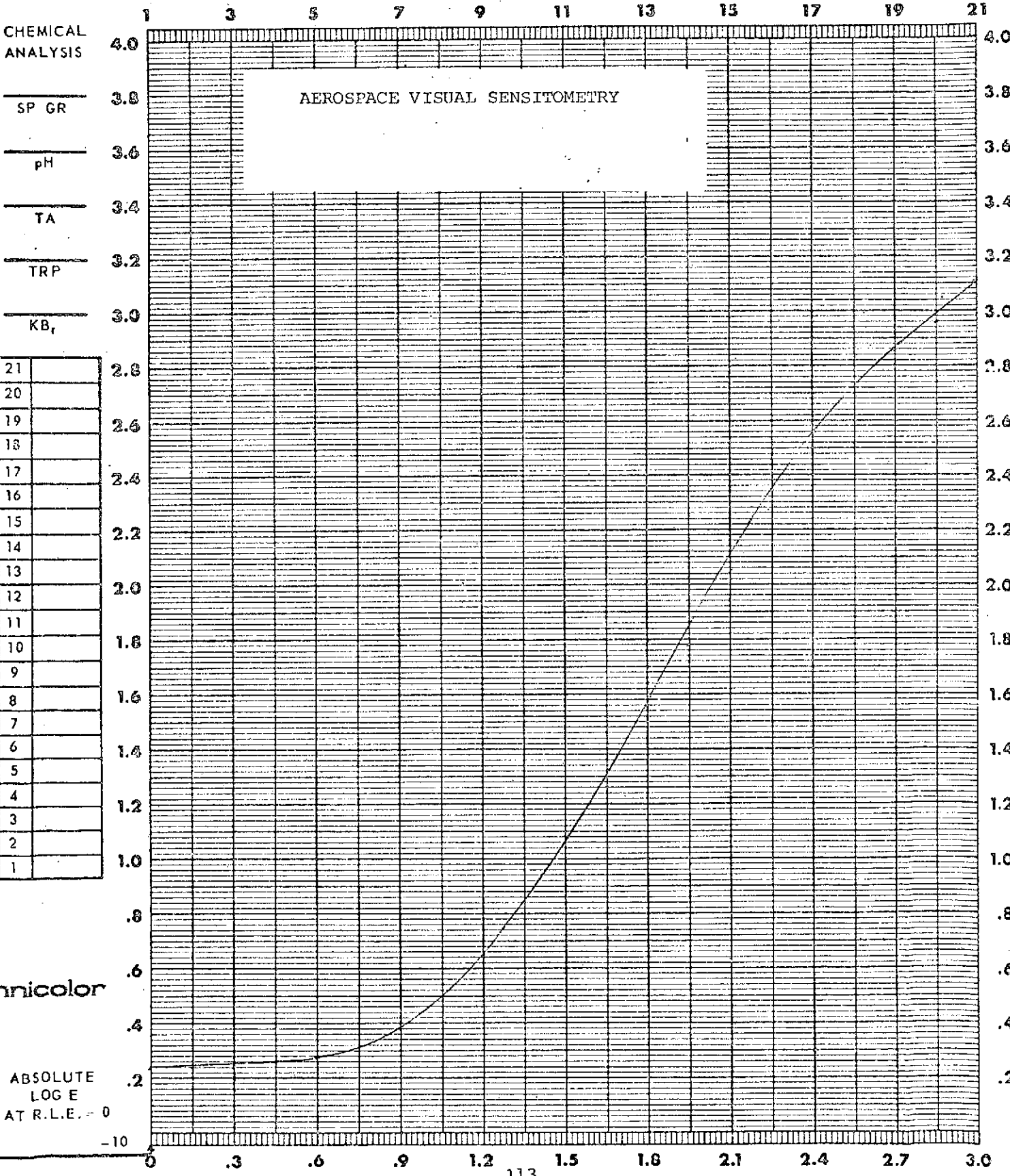
DATE 7-2-73 CONTROL # M 35mm TASK Test PREPARED BY _____FILM SO-212 EMULSION # 4-1 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA			PROCESSING DATA			DENSITOMETRY		
SENSITOMETER	I-B		PROCESSOR	Hi-Speed		INSTRUMENT	MacBeth	
ILLUMINANT	2850 °K		CHEMISTRY	D-76		TYPE	TD504	
TIME	1/50 SEC.		SPEED	TANKS	4 FPM	APERTURE SIZE	3 MM	
FILTER	5500°K		TEMP °F	76	TIME	8'50"	FILTER	Visual
								BASE + FOG



DATE 7-2-73 CONTROL # M 35mm TASK Aerospace PREPARED BY _____
 Visual
 FILM SO-212 EMULSION # 4-1 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>Herrnfeld</u>	PROCESSOR	<u>Hi-Speed</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	_____ °K	CHEMISTRY	<u>D-76</u>	TYPE	<u>TD504</u>
TIME	_____ SEC.	SPEED	<u>4</u> TANKS _____ FPM	APERTURE SIZE	<u>3</u> MM
FILTER	<u>1.70ND+80A+82B</u>	TEMP °F	<u>76</u> TIME <u>8'50"</u>	FILTER	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



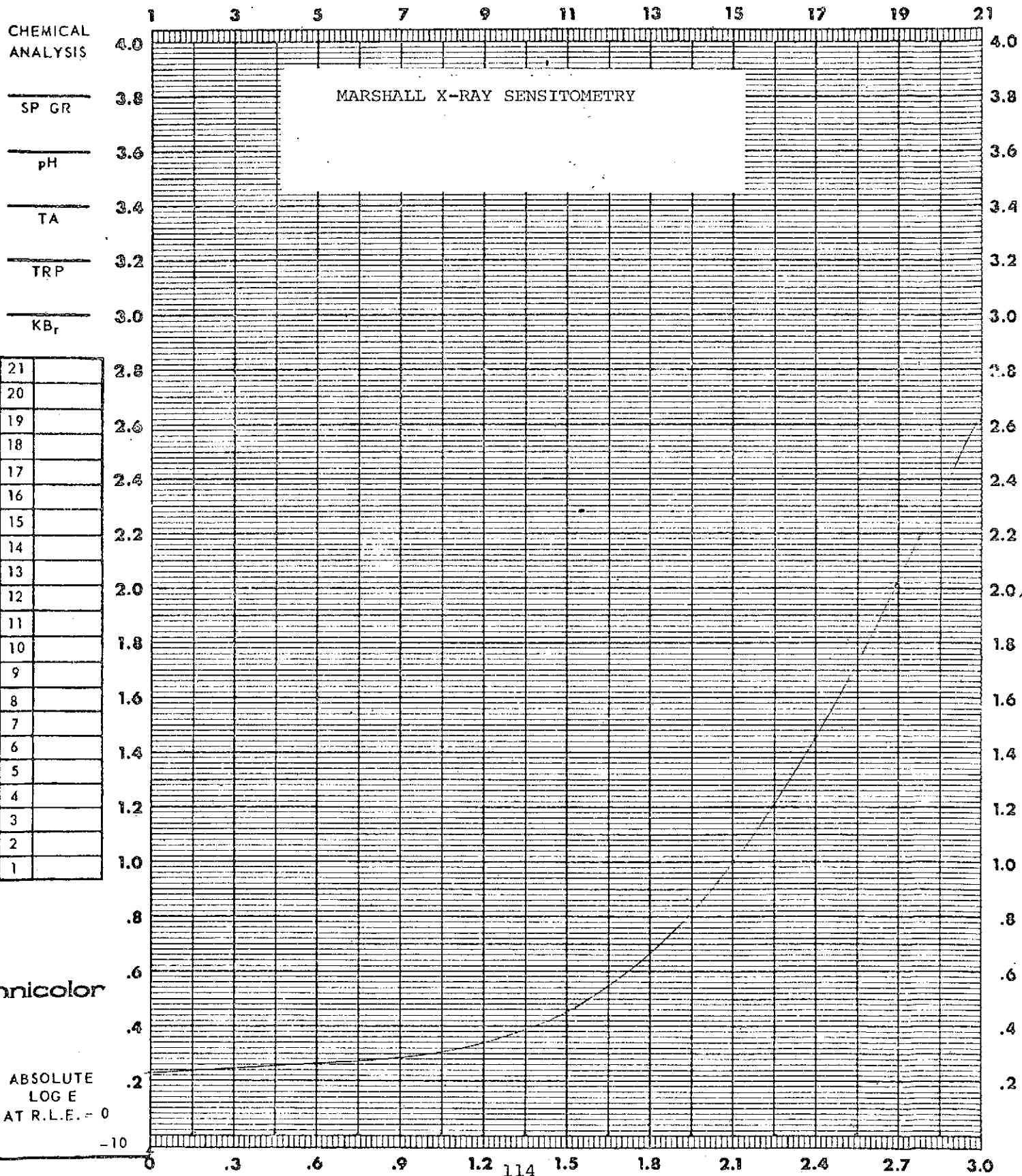
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Technicolor

ABSOLUTE
 LOG E
 AT R.L.E. = 0

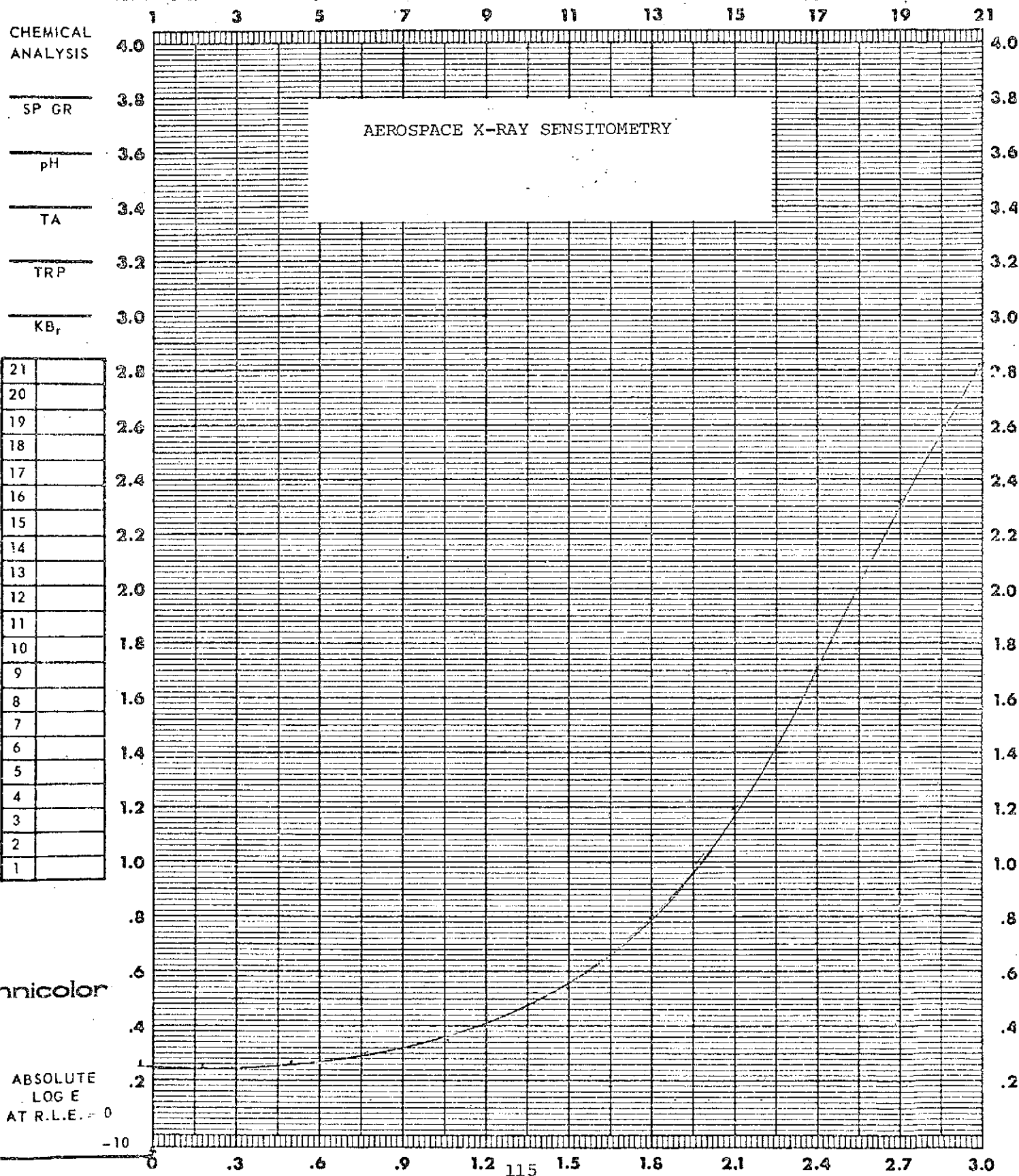
DATE 7-2-73 CONTROL # M 35mm TASK Marshall PREPARED BY _____FILM SO-212 EMULSION # 4-1 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER <u>8A X-Ray</u>		PROCESSOR <u>Hi-Speed</u>		INSTRUMENT <u>MacBeth</u>	SPEED () _____
ILLUMINANT _____ °K		CHEMISTRY <u>D-76</u>		TYPE <u>TD504</u>	D-MAX _____
TIME _____ SEC.		SPEED _____ TANKS <u>4</u> FPM		APERTURE SIZE <u>3</u> MM	GAMMA _____
FILTER _____		TEMP °F <u>76</u> TIME <u>8'50"</u>		FILTER <u>Visual</u>	BASE + FOG _____



DATE 7-2-73 CONTROL # M 35mm TASK Aerospace PREPARED BY _____FILM SO-212 EMULSION # 4-1 MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER _____	PROCESSOR <u>Hi-Speed</u>	INSTRUMENT <u>MacBeth</u>		SPEED () _____	
ILLUMINANT <u>X-Ray</u> °K	CHEMISTRY <u>D-76</u>	TYPE <u>TD504</u>		D-MAX _____	
TIME _____ SEC.	SPEED _____ TANKS <u>4</u> FPM	APERTURE SIZE <u>3</u> MM		GAMMA _____	
FILTER _____	TEMP °F <u>76</u> TIME <u>8'50"</u>	FILTER <u>Visual</u>		BASE + FOG _____	



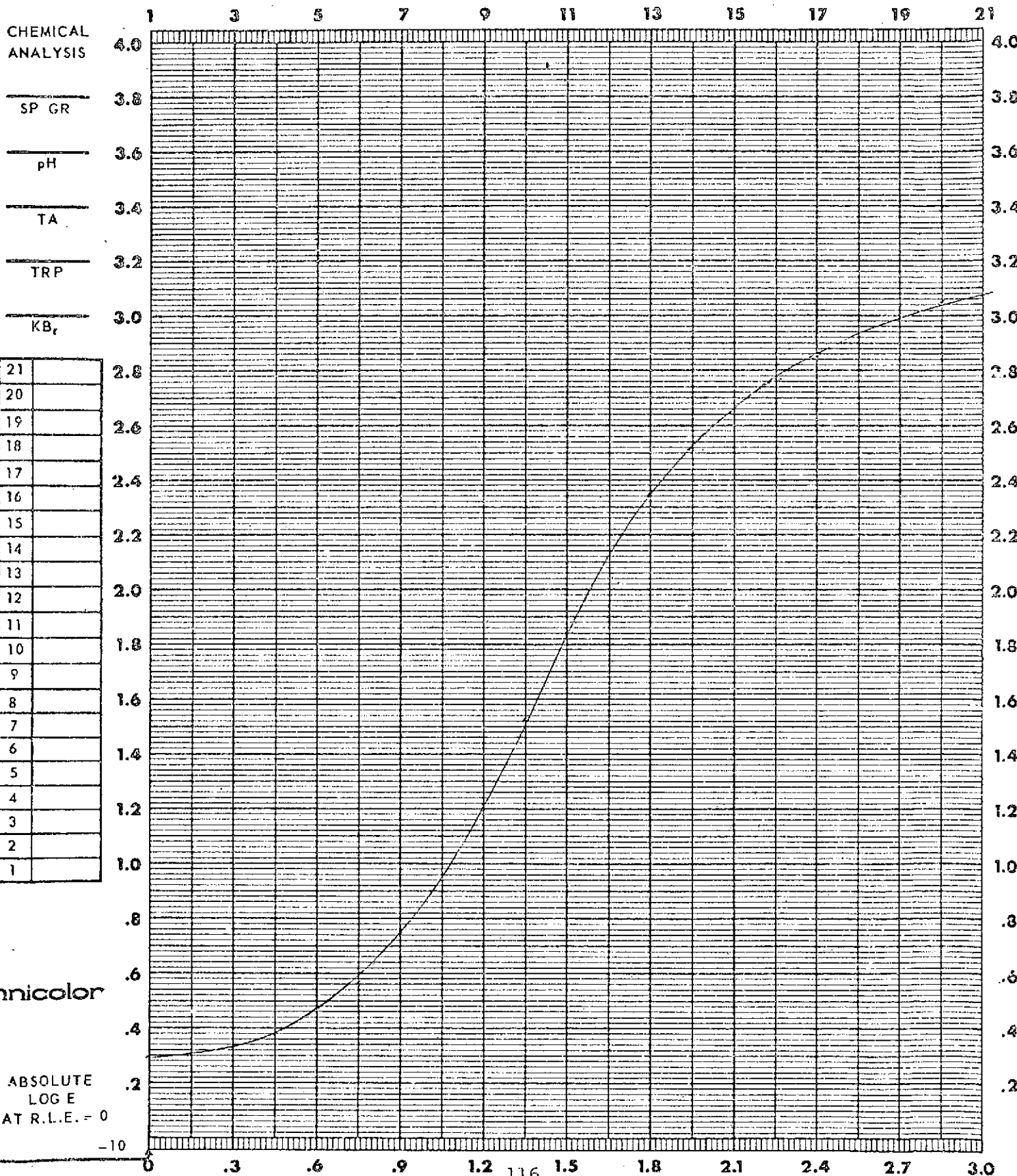
SECTION VII

103aO Film Houston Control

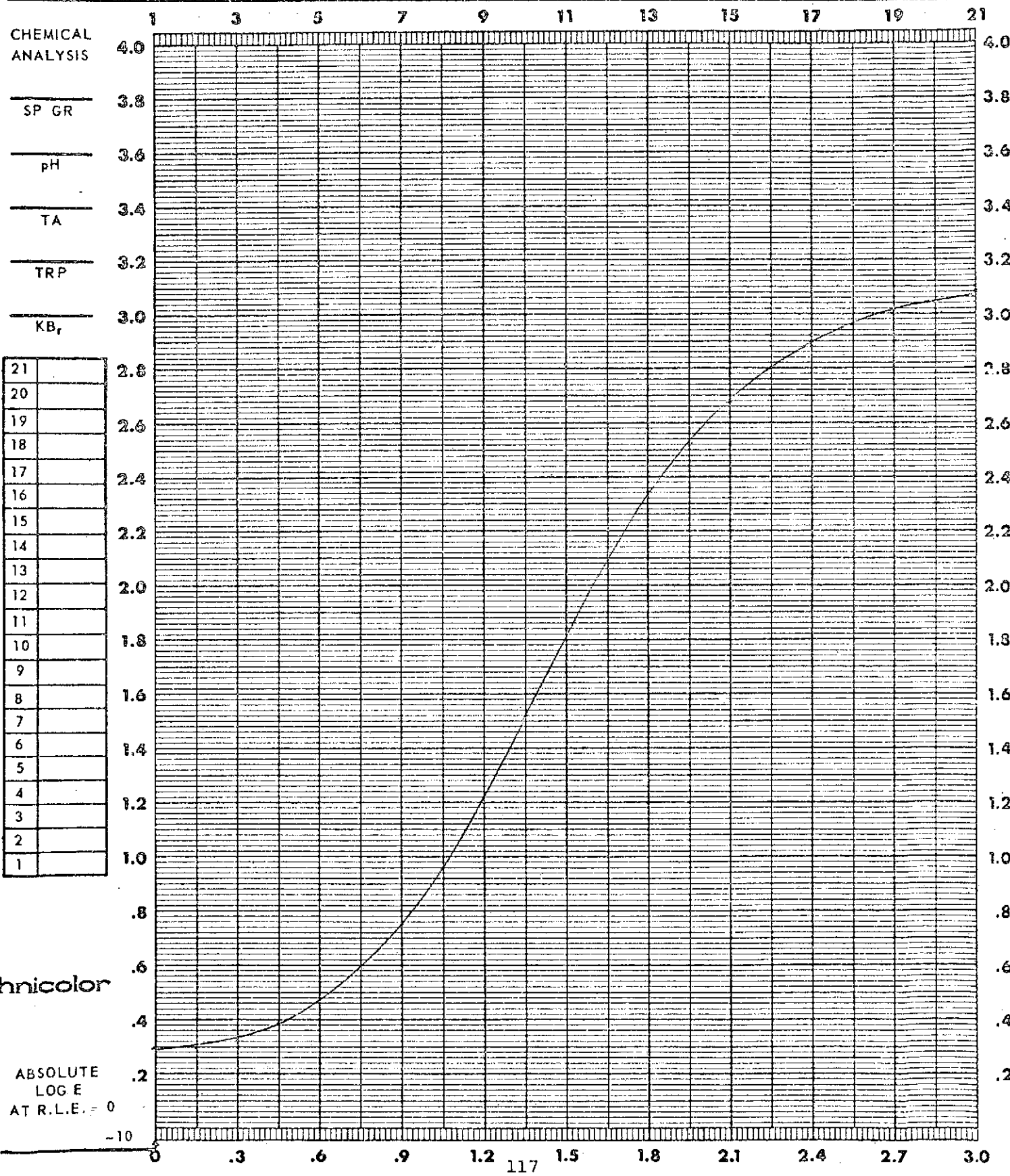
DATE 6-30-73 CONTROL # V 16mm TASK Houston Control PREPARED BY Pre

FILM 103a0 EMULSION # _____ MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Houston 16</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>3000 °K</u>	CHEMISTRY	<u>D-19B</u>	TYPE	<u>TD217DR</u>
TIME	<u>2</u> SEC.	SPEED	<u>26</u> FPM	APERTURE SIZE	<u>2</u> MM
FILTER	<u>2650 Å</u>	TEMP °F	<u>75</u>	FILTER	<u>Visual</u>
		TIME			



EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>1-B</u>	PROCESSOR	<u>Houston 16</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>3000 °K</u>	CHEMISTRY	<u>D-19B</u>	TYPE	<u>TD217DR</u>
TIME	<u>2</u> SEC.	SPEED	<u>26</u> TANKS FPM	APERTURE SIZE	<u>2</u> MM
FILTER	<u>2650 A</u>	TEMP °F	<u>75</u> TIME	FILTER	_____
				SPEED () _____	
				D-MAX _____	
				GAMMA _____	
				BASE + FOG _____	



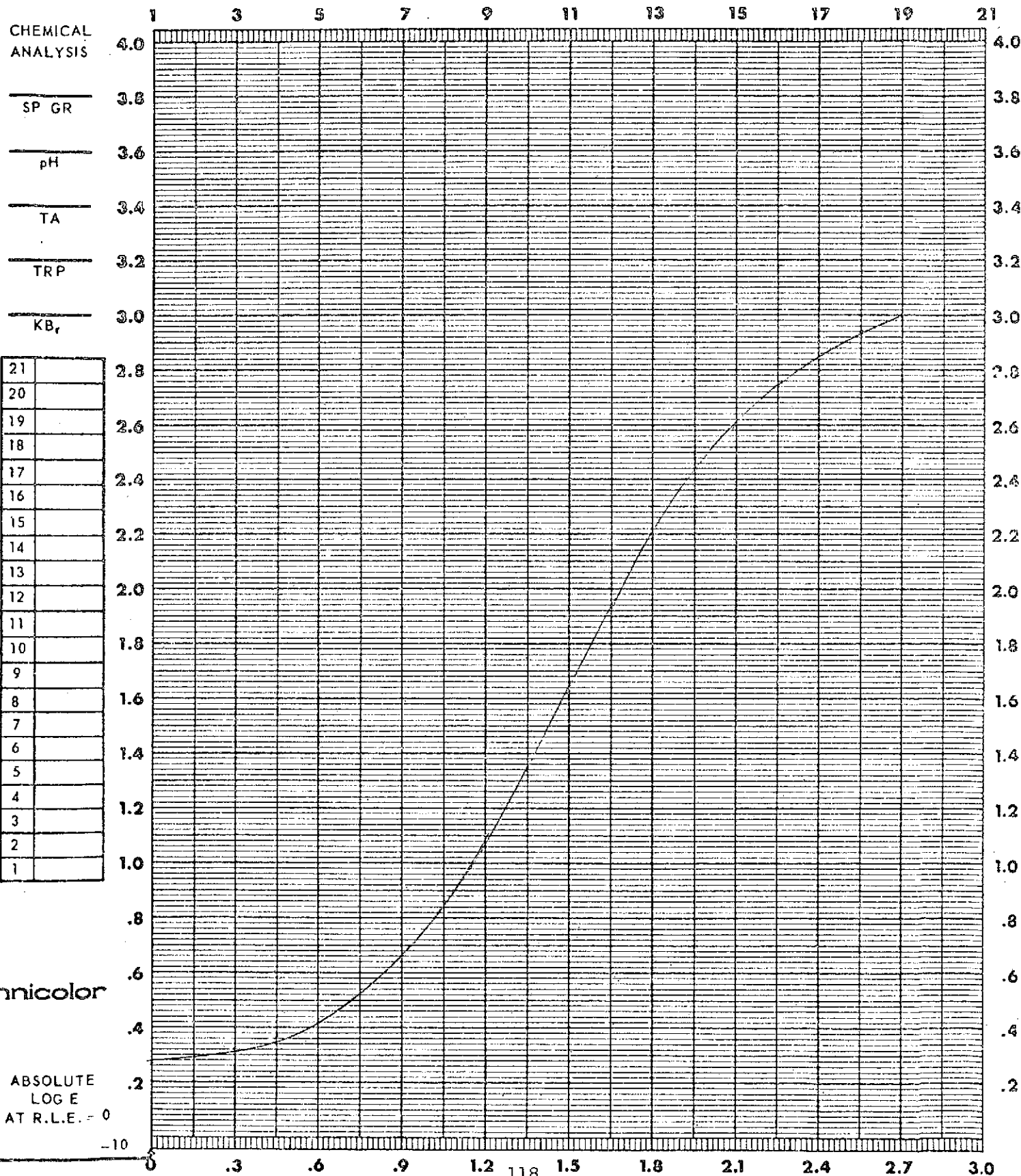
SECTION VIII

103aO FILM HEAD AND TAIL CONTROL

DATE 6-30-73 CONTROL # V 16mm TASK Head Control PREPARED BY _____

FILM 103a0 EMULSION # _____ MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Houston 16</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>3000 °K</u>	CHEMISTRY	<u>D-19B</u>	TYPE	<u>TD217DR</u>
TIME	<u>2</u> SEC.	SPEED	<u>26</u> FPM	APERTURE SIZE	<u>2</u> MM
FILTER	<u>2650 Å</u>	TEMP °F	<u>75</u>	TIME	<u>Visual</u>
					SPEED () _____
					D-MAX _____
					GAMMA _____
					BASE + FOG _____



DATE 6-30-73 CONTROL # V 16mm TASK Tail Control PREPARED BY _____

FILM 103a0 EMULSION # _____ MFG _____ EXPIRATION DATE _____

EXPOSURE DATA		PROCESSING DATA		DENSITOMETRY	
SENSITOMETER	<u>I-B</u>	PROCESSOR	<u>Houston 16</u>	INSTRUMENT	<u>MacBeth</u>
ILLUMINANT	<u>3000 °K</u>	CHEMISTRY	<u>D-19B</u>	TYPE	<u>TD217DR</u>
TIME	<u>2</u> SEC.	SPEED	<u>26</u> FPM	APERTURE SIZE	<u>2</u> MM
FILTER	<u>2650 A</u>	TEMP °F	<u>75</u>	TIME	<u>Visual</u>
					<u>BASE + FOG</u>

